

## CURRICULUM VITA

**Name:** Ray L. Steele, Ph.D.

**Title:** Distinguished Professor,  
Center for Information and Communication Sciences,  
Ball State University,  
Muncie, IN

**Rank:** Professor, tenured, CICS, Telecommunications,  
Department of Management Joint Appointments

**Education:** Ph.D. University of Pittsburgh 1979  
Administration and Planning

MA Northern Illinois University 1971  
Communications

BA Northern Illinois University 1969  
Speech and Political Science

Additional degree work, Law School,  
University of Iowa, 1971-72

**Initial BSU Employment:** September, 1985, Professor, tenured

Fields of Professional Specialization: Strategic Planning, Information and Communications Technology Applications, Business Applications of Technology, Human Communications and Human Factors, Organization Change, Management of Organizations, Crisis Communications, Management and Development of Higher Education Organization, Distance Education, International Business Issues, Project Planning and Management, Economic Development, K-12 Technology Applications Strategies for Improving Education, Distance Learning, Consultation.

**Primary Role in Unit:** Center Director for 22 (1985 – 2007) years and Professor 1985-present

### **Recent Accomplishments and Service:**

#### **Scholarly Activity**

##### **Book**

The Directory of Digital Media Programs of the USA, Editor, Ray L. Steele, 2011  
(iDMAa)

The Directory of Digital Media Programs of the USA and Canada Edited by Ray L. Steele, 2010 (iDMAa)

The National Directory, Digital Media Programs of the USA and Canada, Edited by Ray L. Steele, 2009. (iDMAa)

The National Directory, Digital Media Programs of the USA, Edited by Ray L. Steele, 2008. (iDMAa)

Digital Media Programs of the USA, Edited by Ray L. Steele, 2007. (iDMAa)

Digital Media Programs of the USA, A 50 State Research Project, edited by Ray L. Steele, 2006. (iDMAa)

The Indiana Distance Learning Directory, Edited by Ray L. Steele, October, 2003. (InDLA)

### **Book Chapter**

"Traditional and New Media," 21<sup>st</sup> Century Communication: A Reference Handbook, SAGE Publication, 2009.

"Pedagogical Issues," The Electronic Classroom, A Handbook for Teaching and Learning in the Electronic Environment. Edited by Erwin Boschmann, Meckler Corp., Westport, CT., 1994.

"Privatized and Break the Mold Schools" by James Bosco for, The Encyclopedia of Research in Teacher Education, Ed. John Sikula, Jossey Bass, 1994.

### **Articles**

Book forward for Telecommunication and Business Strategy, by Richard A. Gershon, Taylor and Francis Publication, 2008.

"2006 International Telecommunications Education and Research Association Enrollment Trends Report", ITERA Schools Electronic Publication, May 2006.

"The USDLA Membership Study," for the United States Distance Learning Association, April 2003.

"Organizing the Technology-Leadership Function for Universities in the Early 21<sup>st</sup> Century," in IEC's Annual Review of Communications, Volume 54, 2001.

"Using Satellite and Internet," Chantiers, publics et metiers de l'enseignement a distance au seuil de l'An, December 2000

“Organizing the Technology Leadership Function for Universities in the 21<sup>st</sup> Century,” in the ACUTA Journal, Vol.4, No.4, Winter 2000.

Published interview, “A Distance-Education Advocate Calls for Better Financing for Such Programs,” in The Chronicle of Higher Education, February 4, 2000.

“Technology Choices and Truths for the 21st Century...What Have We Learned,” published in Cediprol y Aique Grupo Edition in Buenos Aires, Argentina, February 2000.

“Surviving the Millennium: The Educator’s Challenge, Every Society’s Choice in the Information Age,” published in Cediprol y Aique Grupo Edition in Buenos Aires, Argentina, February 2000.

“Distance Learning: Coming of Age in Changing Times,” Melanges, L’Enseignement a Distance a l’aube du troisieme millenaire, December 1999.

"Surviving the Millennium: The Educator's Challenge, Every Society's Choice in the Information Age," in *Ed at A Distance Magazine*, Volume 13, Issue 5, May, 1999.

"Response System Technology Steps Up to the Plate," *Media & Methods*, January/February 1998.

"Creating a Natural Learning Environment for the 21st Century: A Hybrid Model Using Both a Wired and Wireless Approach to Networking," *Annual Review of Communications* 1998, April 1998.

"Technology in Education and the Creation of A Natural Learning Environment for the 21st Century," *ACUTA Journal of Telecommunications in Higher Education*, September 1997.

Published 2 papers - Un ambiente educativo natural para el siglo XXI and Preparando miembros para la era de la informacion. Published by "Cediprol y Aique Grupo Edition" for "II Curso Internacional De Tecnologias De La Informacion Y La Comunicacion En La Education," Buenos Aires, Argentina, May 9-10, 1997 .

"Distance Learning Choices in the Mid '90s: New Technology Marketing, Network Dreams and Realizing Potential," Global Telecommunications, October 1995.

"Developing Your Future in the Information Age," *International Engineering Consortium's 1995-96 Review*, October, 1995.

"Distance Learning Choices in the Mid '90s: New Technology Marketing, Network Dreams, and Realizing Potential," Annual Review of Communications, 1995.

"Developing Your Future in the Information Age," The Future Landscape: Competition, Alliance and Change, BICSI, 1995.

"Distance Learning: A Worldwide Phenomenon and an International Opportunity," LATINO AMERICA, February, 1995, p. 46.

"New Connections in Distance Learning," Euro Conferencing, The European Journal of Teleconferencing, Winter, 1993, pp. 54-55.

"A Sampling of Distance Learning Across the 50 States" by R. Steele with 19 graduate student co-authors. Ed. Journal, the Refereed Journal of Distance Learning, March, 1993, pp. 81-89.

"Distance Learning in the US and Abroad," Ed. Education at Distance, Vol.7 #5, May, 1993, p. 27.

"Partnerships for Education Improvement: Myths and Realistic Strategies," Technos Quarterly, Bloomington, IN. Vol. 2, No. 2, Summer, 1993, pp. 10-13.

"An Update from the United States," Euro Conferencing, The European Journal of Teleconferencing, Autumn 1993, Vol. 2, #1, pp. 59-60.

"Making New Connections in Distance Learning" Ed. Education at a Distance, Nov. 1993, Vol. 7, #11, pp. 11 and 22.

"Visions of Potential...Our Information Age Future," National Communications Forum Infovision Compendium and Proceedings of the Forums, 1992.

"A Pragmatic Perspective on Network Development," The European Journal of Teleconferencing, September, 1992, pp. 45-47.

"The Basic Tools of competition," The Telecomm Solution-Works in Progress, Cleveland Advanced Manufacturing Program, Fall, 1992.

"Campus of the Future," Northeastern University Alumni Magazine (Invited) Boston, Mass., September, 1992.

"Questions on the Way to the Millennium, Distance Learning-Questions on the Way to the Millennium Part II, Interlink 2000: Towards the Future of Communications, February, 1992, pp. 58-67.

"From Vision to Reality: The Longer Range View," The Center for Research on Communication Technology and Society, The University of Texas at Austin, October 2-3, 1991, Telecommunications Forum, Dallas, Texas.

"Questions on the Way to the Millennium," Interlink 2000: Towards the Future of Communications, Launch Edition, 1991, co-author with Dr. Richard Stowe.

"Trends on the Road to the Millennium: Media, Information Systems, and the Interface with Human Needs," 1990 Almanac, the Annual of the International Council of NATAS," (an annual publication, 1990 pp. 123-128, author.

"Training Communications pros for the '90s," Communications Week, May 28, 1988, p. 10, author.

"The Teaching Environment Model for the Campus of the Future," Teleconference, Vol. 7, No. 1, 1988, pp. 19-22, Author with graduate assistant as contributing writer. (Reprinted in Ed., The Distance Education Network Journal, 1988).

## **Reviews**

### **Books**

The Coming Revolution in Workforce Performance by Jack Bowsher, Jossey-Bass Inc., Publisher, January, 1997.

Distance Education: A Systems View, Wadsworth Publishing Co., Belmont, California, January, 1995.

Communications in Education Towards the Virtual Classroom, Harper Educational Publishers, Australia. James D. Davidson, Publisher, 1994.

Supply Chain Optimization, Steve Reiter and Chuck Poirier of EDS, November, 1995.

### **Other Reviewer Activities**

Program Review, Digital Worlds Institute, University of Florida, 2008.

Tenure Review, Anthony Smith, Department of Computer and Information Technology, Purdue University, 2008.

Reviewer, Promotion to Full Professor, Jennifer Burg, Department of Computer Science, Wake Forest University, 2008.

Program Review, Integrated Telecommunications Program, University of Colorado, 2007.

Reviewer, Promotion to Full Professor, Andrew Snow, McClure School of Information and Telecommunication Systems, Ohio University, 2007.

Reviewer, Promotion to Full Professor, Mark Weiser, Management Science and Information Systems, Oklahoma State University, 2007.

Reviewer, Tenure, James Oliverio, Digital Worlds Institute, University of Florida, 2007.

University of Central Florida MA/MS/MFA Program, Outside Graduate Program Reviewer, September 2004.

USDLA IDLCON Partnership Awards - Program Judge, 1998.

ICA Paper Competition Judge 1992-1999.

USDLA IDLCON Awards Program Judge, 1996.

Project proposal reviewer, Corp for Science and Technology, IN, 1992-1995.

Peer Review for IEEE Journal, manuscript #90-026, 1991.

National Communications Forum National Technology Awards, Judge, 1991.

Referee Midwest Telecom Conference Papers Competition Referee, (professional); 1987-88.

Reviewer for Ottawa, Canada Premier's Council, Centers of Excellence Fund Proposals on Technology, 1988.

### **Funded Research**

Accenture Grant 2011, \$3500 Ball State University (\$6500 in kind)

iDMAa Grant, \$2500, 2011

Accenture Grant 2010, \$3500 Ball State University (\$5500 in kind)

iDMAa Grant, \$2500, 2010.

Accenture Grant , \$3400, Ball State University, 2009

iDMAa Grant, \$3000, 2009.

Accenture Grant, \$8000, Ball State University, 2008.

iDMAa Grant, \$3000, 2008.

Accenture Grant, \$11,000, Ball State University, 2007.

iDMAa Grant, \$2500, 2007.

Lilly V Grant, \$5000, Ball State University, August 2006

Cingular, \$1000, September 2006, Student Social Learning Program

Cingular, \$1000, August 2006

Accenture, \$16,500, 2005-06

AT&T Grant, \$2000, 2005

Verizon Sponsorship, \$1000, 2005

Cingular Sponsorship, \$1000, 2005

Ontario Sponsorship, \$500, 2005

AT&T Grant, \$8000, 2004

Accenture, \$10,700, 2004-05

Humanizing Technologies, 2003-04, co-developed with Kirsten Smith), \$8000

SBC Grant \$15,000, 2003

Indiana Distance Learning Association, \$3000, 2003

International Digital Media and Arts Association, \$3000, 2004

Accenture, \$10,700, 2003-04

SBC funded "Tech Link Connector Project," September 2003, \$15,000

iComm Grant, Co-sponsorship Digital Media Academic Workshop, Orlando, Florida, March 13-14, 2003, \$13,700

iComm Grant, 1<sup>st</sup> Digital Media National Curriculum Conference, Ball State University, September 26-29, 2002, \$5,000

iComm Grant, Digital Media Conference, Indianapolis, Indiana, October 30, 2002, \$5,000

AT&T Grant, \$7,000, 2003

Ameritech Grant, \$32,000, 2002

Accenture Grant, \$10,000, 2003

Accenture Grant, \$11,000, 2002

AT&T Grant, \$7,000, 2002

InDLA Grant, \$2500, 2001, 2002, 2003

USDLA Bronze Membership, \$2000, 2001, 2002

Accenture Grant, \$13,000, 2001

AT&T Grant, \$25,000, 2001

Ameritech Grant, \$32,000, 2001

Co-developed, PTC student and faculty grant, \$1500, 2001

Accenture grant, \$13,000, 2000

AT&T grant, \$25,000, 2000

Ameritech Grant, \$32,000, 2000

Aprimo partnership, \$100,000 software and service, 2000

e-Vault \$100,000 software donation, 2000

Irish training grant, \$40,000, 2000

Ohana Foundation, \$20,000, 2000

Ohana Foundation, \$1,000, 2000

Telcordia Technologies, \$25,000 donation, co-developed by Richard Bellaver, 2000.

AT&T, 10,000 & 1,000, 1999.

McDonald's, \$1,000, 1999.

Ohana Foundation, \$5,000, 1999.

ICA National Student Competition Award, \$1,000, 1999.

Andersen Consulting, \$12,000, 1999.

Deloitte Consulting, \$10,000, 1999.

Cable Systems International, \$1500, 1999.

Polycom Video Conferencing Unit for Lab Use, \$8000.00, 1999.

Tanberg Video Conferencing Units (2 @ \$2500) for Lab Use, \$5000.00, 1999.

Computing equipment donation from Paul Cummings, former President of ImageLink, \$3100.00, 1999.

AT&T Social Learning Program/Leadership Grant, \$7500.00, 1998.

Deloitte & Touche Leadership Program Grant, \$10,000, 1998.

Ameritech Grant - Executive in Residence Program, \$26,600, 1998.

Wings International Grant. CICS Internationalization Update, \$5000.00, March 1997.

AT&T Student/Programs Grants 1996, 1997 @ \$9000 each.

Lilly Endowment Grant. Survey of Theological Schools - Technology Used in Teaching, \$5000.00, December 1996.

ICA (national competition), Student Support Grant, \$1,000, 1995.

Equipment Grant, Fleetwood Technologies, August, 1995, \$17,000.00.

Grant from Alliance for Competitive Communications to USDLA/CICS for distance learning state by state report, \$5000.00, 1995.

International Travel Grant - Latin America, Ball State University, \$2,000, March, 1995.

Ameritech Broadband Technologies Grant \$529,000, 1994.

Jay Stone and Associates, Inc., Teleconferencing Bridge Grant, \$5,000, 1994.

ICA (national competition), Student Support Grant, \$1,000, 1994.

Picturetel Video Conferencing Equipment Grant \$40,000, 1993.

V-Tel Video conferencing Equipment Grant, \$50,000, 1994.

ICA (national competition) Student Support Grant, \$1,000, 1993.

First Pacific Networks Equipment Grant, \$50,200, 1992.

ICA (national competition), Faculty Development, Student Support and Program Enhancement Proposals, \$5000, 1992.

Litel, Telefonía Fiber Optics Project Equipment Grant, \$30,000, 1991.

ICA (national competition), National Curriculum Conference, International Project, Student Support, \$25,500, 1991.

ICA (national competition), Faculty Development, Student Support and Program Enhancement Proposals, \$15,000, 1990.

AT&T co-author, Networked Kiosk, (national competition), \$393,000, 1990.

ICA (national competition), Faculty Development, Student Support and Program Enhancement Proposals, \$20,000, 1989.

ICA (national competition), Faculty Development, Student Support and Program Enhancement Proposals, \$30,000, 1988.

AT&T (national competition), Graphics Enhancement, \$188,000, 1988.

AT&T (national competition), Graphics and Campus Computing, \$1,200,000, 1987.

ICA (national competition), Faculty Development, Student Support and Program Enhancement Proposals, \$45,000, 1987.

AT&T (national competition), UNIX on Campus, \$700,000, 1986.

(Additional successful proposals totaling over \$200,000 to RCA, IOWIT, NITA, Indiana Bell and others.)

### **Papers Presented Before Professional Societies**

“Innovation and Reality,” ITERA National Conference, Cincinnati, OH, April 2013.

“Digital Art and Gaming,” 7<sup>th</sup> World Summit on Internet and Multimedia, Shenyang, China, September 23, 2011.

“Innovation Showcase, ITERA Conference, Indianapolis, IN, April 9, 2011 (session leader)

Innovative Course Award Presentation, ITERA Conference, Indianapolis, IN, April 8, 2011

Invited participant “Creative Economy Forum,” United Nations Event, September 2010, Shanghai, China

Partnership Development Session Leader, iDMAa, Conference, November 3, 2010, Vancouver, BC, Canada

“The Challenge of Digital Media, Arts, and Design” 6<sup>th</sup> World Summit on Internet and Multimedia, Shenyang, China, October 14, 2010 (Invited Plenary Speaker)

“Innovation 2010: Myths and Realities from Green IT to the Cheap and Disruptive Newbies,” ITERA Conference, Nashville, TN, April 11, 2010. (Session Chair, Speaker).

“Digital Media and the Arts” 5<sup>th</sup> World Summit on Internet and MultiMedia” Shenyang, China, September 24, 2009 (invited Plenary Speaker).

“Digital Media Design and Animation,” Session Co-Chair and Speaker, 5<sup>th</sup> World Summit on Internet and MultiMedia, Shenyang, China, September 23, 2009.

“Innovation in Tough Times,” Session Chair and Speaker with CICS students, ITERA Conference, Atlanta, GA, April 19, 2009.

“High Tech Culture Clashes and the Cult of the Amateur,” Speaker and Session Chair, ITERA Conference, Atlanta, GA, April 19, 2009.

ITERA’s Innovative Graduate Program of the Year 2008,” CICS, A Unique Experience” (speaker) ITERA Conference, Atlanta, GA, April 20, 2009.

Chaired, “Digital Town Hall Meeting,” 6<sup>th</sup> Annual International Digital Media and Arts Association conference, Savannah, GA, November 8, 2008.

“Finding the Future. ...Research Results on Digital Media Programs,” with Michael Pittman, Graduate Assistant, 6<sup>th</sup> Annual International Digital Media and Arts Association conference, Savannah, GA, November 6, 2008.

Presented “Distance Learning and eCommerce,” Victoria University, Dr. Lalita Rajasingham, Professor and Host, Wellington, New Zealand, January 29, 2007.

Presented “Higher Education in the Electronic Era – A Rising or a Setting Sun?” to Faculty and Administrators at Victoria University, Wellington, New Zealand, January 29, 2007.

Presentation to Administration and faculties of Information and Communication Engineering, Computer Science and Engineering, Architecture and Planning, Electronics and Communication Engineering and Planning and Development on “Interdisciplinary Education at the Graduate Level,” Anna University, Chennai, India, January 18, 2007.

Spoke on “ICS – An Integrated Approach to Graduate Education,” to Faculty of Commerce, University of Delhi, Delhi, India, January 10, 2007.

Leader of Seminar with students at L.V. Prasad Film and TV Academy, Chennai, India, K. Hariharan Director and Host, January 18, 2007

“Dealing with the Growing Challenge of Making Wireless Applications Work in the Enterprise,” Association of Telecom Management Professionals conference “Telecom Financial & Technology Management,” Chicago, Illinois, May 18, 2006.

“Future Choices,” Indiana Institute of Technology, Chennai, India, January 7, 2006.

“Developing Partnerships and Resources, From Ask to Cash,” International Telecommunication Education Research Association Conference, Las Vegas, Nevada, October 23-26, 2005

“What Public Policy Remedies are Available to Spur Action,” New Millennium Research Council’s “Making Communities Safer-Interoperable Communication Problems for First Responders,” Washington DC, September 14, 2004.

“Pioneers Making Dreams = Reality,” Hi Tech Successes in Muncie, Chamber of Commerce, Muncie, Indiana, June 17, 2003.

“USDLA National Membership Survey Results in Brief,” USDLA Board Meeting, April 29, 2003.

“Proposal and Draft Constitution for a new International Digital Media Association,” Digital Media Academic Workshop, Orlando, Florida, March 13, 2003.

“Telecom in the New Economy,” at “Communities at the Crossroads,” a conference sponsored by Indiana Land Use Consortium, Indianapolis, IN, November 13, 2001.

“Everything to Gain-Nothing to Lose: Pursuing 21<sup>st</sup> Century Leadership,” presented at the University of North Carolina at Pembroke’s Business Visions for 2001 conference, June, 18, 2001.

“The Decade of Distance Learning: e-Golly,” presentation at the Pan Pacific Distance Learning Association’s annual meeting, Honolulu, HI, January 13, 2001.

“Heartland Faculty Issues for Institutional Success”, keynote address during Distance Learning Education Forum at Texas A&M University, College Station, TX, November 17, 2000.

“Clarity and Focus Based Upon Truths Learned While Pioneering in the 20th Century,” Asbury Theological Seminary National Technology Conference, Wilmore, Kentucky, October 16, 2000.

“From 7 to 900: Turning Visions into Reality,” presented at Tech Force Indiana-Expanding the Bandwidth INITA Conference, Indianapolis, IN,

August 7, 2000.

"The New World," presented at Cisco Annual Retreat, CICS - Ball State Campus, Muncie, IN on June 15, 2000.

"The e-Train and Other Mysteries," presented at the Indiana Telecommunications Users Association annual conference, in Indianapolis, IN on April 20, 2000.

"21st Century Applications, Satellites to Internet," presented at the Centre National d'Enseignement a' Distances International Conference in Poitiers, France on December 2, 1999.

"The "e" Word and Other Fantasies," presented at the Ameritech Business Club, Indianapolis, IN, November 18, 1999.

"The Opportunity of the 21st Century, Building on What We Have Learned About Distance Learning," presented at the Indiana Distance Learning Association Meeting, Indianapolis, IN, November 15, 1999.

"Ball State University/Center for Information and Communication Sciences – The Area Academy," presented at the Kickoff Meeting for the State of Indiana & Cisco Systems, Inc., Networking Academy Grants Program, Indianapolis, IN, October 26, 1999.

Keynote, "Pioneering for the 21st Century," Technology in Theological Education 1999 Conference at Asbury Theological Seminary, Wilmore, Kentucky, October 25, 1999.

"Technology Choices and Truths for the 21st Century...What Have We Learned?", at Cediproe Fundacion Proceedings, Cediprol y Aique Grupo, Buenos Aires, Argentina, May 8, 1999.

"Surviving the Millennium: The Educator's Challenge, Every society's Choice in the Information Age", at Cediproe Fundacion Proceedings, Cediprol y Aique Grupo, Buenos Aires, Argentina, May 8, 1999.

"Going to Graduate School," at the Honors College Winter Workshop, The Graduate School Admission Series, Ball State University, March 23, 1999.

"The Distance Learning World Now," at the Pan Pacific Distance Learning Association Conference "Distance Learning: Making It Work," in Honolulu Hawaii on January 16, 1999.

"The International Policy Direction," at the USDLA Board Meeting and USDLA Annual Meeting, in Anaheim, California on October 25, 1998.

Keynote entitled "The Challenge of Technology," at the Technology in Theological Education Asbury Seminary Conference in Wilmore, Kentucky on October 8, 1998.

"Developing the Infrastructure: Technology and Institutional Planning," at the Association of Theological Schools Biennial meeting in Baltimore, MD on June 14, 1998.

Chaired panel session, USDLA Summit Meeting, Los Cabos, Mexico, January 27, 1998.

"The World of Distance Learning Today and the Issue of No Significant Difference Research Findings", as luncheon speaker during Pacific Rim Distance Learning Association '98 Conference, Honolulu, Hawaii, January 10, 1998.

"Distance Learning Technology and Progress - What Counts for the Future," Beijing, China, October 14, 1997.

"Technology Education - The Center for Information and Communication Science's Advantage at Ball State University, USA", Beijing Telecom, Beijing, China, October 12, 1997.

"Celebrate the Future of Choice," and "Partnerships - Realities," at Asbury 2000 Conference for Asbury Theological Seminary, Wilmore, KY, October 6-7, 1997.

"Dreaming for the 21st Century: Some Realities," at International Symposium on Theological Distance Education for Trinity College & Seminary, Evansville, IN, October 3, 1997.

"Making Technology Fit the Context," to Technology Representatives, Fuller Theological Seminary, San Diego, CA, September 23, 1997.

"Technology Related to Mission for the 21st Century," to Faculty, Fuller Theological Seminary, San Diego, CA, September 23, 1997.

"Leadership and the Strategic Application of Technology," to Seminary Leaders, Fuller Theological Seminary, Pasadena, California, September 23, 1997.

"Facing Technology Decisions - Justifying Action," to Deans, Fuller Theological Seminary, Pasadena, California, September 23, 1997.

"Common Sense and Technical Tales", Video Conferencing and Distance Learning in Law Libraries Pragmatics and Potential for The American Association of Law Libraries, Baltimore, Maryland, July 23, 1997.

"Using Technology to Improve Education and Economic Prosperity," for Provincial Government and faculty and students, San Luis Province, Argentina and briefing for Provincial Minister of Education and staff, May 12, 1997.

"Preparing Faculty in the Information Age" and "A Natural Learning Environment for the 21st Century," at II Curso Internacional De Tecnologias De La Informacion Y La Comunicacion En La Educacion in Buenos Aires, Argentina, May 9-10, 1997.

"Technology Update for Leadership," for President and Senior staff of Universidad De Belgrano, Buenos Aires, Argentina, May 7, 1997.

"Broadening the Vision - Technology in Education for the 21st Century," East Tennessee State University, April 30, 1997.

"Distance Learning: A Futures Perspective," luncheon speaker at Pacific Rim Distance Learning Association meeting, January, 18, 1997, Honolulu, Hawaii.

"Distance Learning: A Practical Review," Program Plenary Session at Pacific Rim Distance Learning Association meeting, January 18, 1997, Honolulu, Hawaii.

"The Use of Wireless Response Technology in the Classroom," Physics and Astronomy Department Presentation at Ball State University, Muncie, IN, November 21, 1996.

"Practical Issues in Planning Video Conferencing," International Session for Copenhagen delegates to Telecon XVI, October 31, 1996, Anaheim, CA.

"Distance Learning: A National Review Across the States," TeleCon XVI, October 31, 1996, Anaheim, CA.

Chaired the Plenary Sessions, "Connecting to the Desktop," "The Users Response," "Lessons from Telemedicine," TeleCon XVI, October 30, 1996, Anaheim, CA.

"USDLA Policy Forum - The Issues of Concern", Panel Member at USDLA Board Meeting, October 29, 1996, Anaheim, CA.

"What Happens When the Installation is Done Wrong," at the BICSI Cabling Workshop in Charlotte, N.C., on October 10, 1996.

"Understanding Effective Partnerships," at ATS 2000 "A Future Where Technology and People Can Come Together" Conference, Asbury Theological Seminary, Wilmore, Kentucky, October 1, 1996.

Lead "Asbury 2000 Leadership" closing session Q & A at ATS 2000 "A Future Where Technology and People Can Come Together" Conference, Asbury Theological Seminary, Wilmore, Kentucky, October 1, 1996.

Keynote, "Technology in Education - Celebrate the Future of Choice," Asbury Theological Seminary ATS 2000 "A Future Where Technology and People Can Come Together" Conference, Wilmore, Kentucky, September 30, 1996.

"Millennium Thinking - Creating Your Own Destiny," for Richmond School Corporation Board Meeting, Richmond, Indiana, September 25, 1996.

"The International Experience," at European Lifelong Learning and the Information Society's Access Through Technology Conference at University College Dublin in Dublin, Ireland, September 11, 1996.

Keynote, Technology Night, Clarkstown Schools, New City, NY, May 21, 1996.

"Connecting Technology and Education," Keynote at Eductech 1996 Conference at Kalamazoo Valley Community College in Kalamazoo, Michigan, April 25, 1996.

Keynote Address: "Millennium Choices," at the Telecommunications Education's Connection to the 21st Century Conference in Lafayette, LA, March 29, 1996.

"Designing Successful K-12 Technology Projects," at Telecommunications Education's Connection to the 21st Century Conference in Lafayette, LA, March 29, 1996.

"Moving Toward the Millennium - Trends in Telemedicine," via teleconference for the Integris Health Conference in Oklahoma City, OK, on March 29, 1996. Assisted by Sean Bond, CICS Graduate Student.

Chair International Session, IDLCON, March 21, 1996, Washington, D.C.

Chair Major Trends session, IDLCON, March 20, 1996, Washington, D.C.  
Program Showcase Panel participant during Distance Learning Program Showcase breakout session, IDLCON, March 20, 1996, Washington, D.C.

Keynoted at Alabama Distance Learning Association's Smart State Alabama Conference, entitled "Looking the Millennium in the Eye," Birmingham, Alabama, February 28, 1996.

"Trends in Distance Learning", Alabama Information Highway Conference, February 27, 1996, Birmingham, Alabama

"Benefits of Association, The Long Term Opportunity to Influence," Alabama Distance Learning Conference, February 27, 1996, Birmingham, Alabama

Keynoted the Purdue University at Calumet Campus Faculty Program "A Taste of Technology," title "Implications of Current Technology Trends in Higher Education" in Hammond, Indiana, February 22, 1996

Speaker on "Network 2005," panel, title "The Pragmatist's View," at International Engineering Consortium Western Comforum in Dallas, Texas on February 14, 1996

Chaired Panel on "Fundamentals of Multi Media," at International Engineering

Consortium Western Comforum in Dallas, Texas on February 13, 1996

Chaired session on "Market Needs," at the United States Distance Learning Summit Meeting for Teleconferencing in Phoenix, AZ, February 9, 1996

"Making Distance Learning Work Long Term for Texas," keynote speech at The Texas Statewide Distance Learning Association kickoff, Austin, Texas, January 30, 1996.

Workshop leader for "A USDLA Workshop Exploring the Elements Essential to

Distance Learning Success," program entitled "Finding the Future in Distance Learning," PTC, Honolulu, HI, January 13, 1996.

"A Confident Future...distance Learning Success Stories - Market Growth Areas from the 50 States - A Research Review," at PTC Pre Conference Workshop, Honolulu, Hawaii, January 16, 1996.

"Technology at BSU" for CACUBO Fall Workshop at Ball State University, December 8, 1995.

"Multimedia Applications, Services, Content and Programming," Chair at the International Engineering Consortium's Executive ComForum: Key Information Industry Issues, Orlando, FL, November 3, 1995.

"Creating Partnerships/Surviving Complex Projects", ATS 2000 Conference, Asbury Theological Seminary, Wilmore, Kentucky, November 1, 1995.

"From Russia to Saudi Arabia to New Zealand, Distance Learning Around the World," Chair for International Track, Telecon XV, Anaheim, CA, October 26, 1995.

"Ball State University - A Showcase for Distance Learning," Telecon XV, Anaheim, CA, October 25, 1995.

"Future Choice: Decisions of Consequence" at 1995 Pinellas, Florida Educational Technology Conference sponsored by GTE, St. Petersburg, FL, August 14, 1995.

"Pursuing the Future: Millennial Challenges," AT&T Network Conference, Peoria, IL, July 27, 1995.

"Vision Development, Columbus 2000," Conference Leadership and Presentations including "Technology Update," "Case Studies of the Possible," and "From Vision Development to Action Plans," Columbus, Indiana, June 27-29, 1995.

"Technology and Education Delivery" at "Building Self-Renewing Communities" by Indiana Economic Development Academy - BSU Community Based Initiatives: Case Studies, Muncie, Indiana, June 22, 1995.

"Millennium Thinking: The Broadband Future", for Hekimian Laboratories, Inc., at "Future Test 95", in Tarpon Springs, FL, June 7, 1995 (keynote)

Fundacao Getulio Vargas Private Institute of Higher Education, "Sharing Information Age Perspectives", Sao Paulo, Brazil, May 5, 1995

Y.P.F. Oil Company, Buenos Aires , Argentina, "The Technologies of Distance for Education and Training", May 12, 1995

Presentation EAESP/FGV (College of Business/University) San Paulo Brazil, May 5, 1995

International Track Chair, International Distance Learning Conference, Washington, D.C., March 23 and 24, 1995.

"The United States Largest K-12 Distance Learning Network," Marvin Bailey, Director State Regulations at Ameritech and Ray L. Steele, International Distance Learning Conference, Washington, D.C., March 23, 1995.

"Educating Students for the 21st Century," Center for Teaching and Learning's Connections Course for Faculty, Ball State, February 13, 1995.

"The Education Perspective," Summit '95 on Teleconferencing, Key West, Florida, February 3, 1995.

"Extending the Opportunity - USDLA Membership in the Pacific," Pacific Telecommunications Conference Luncheon, Waikiki Beach, Hawaii, January 24, 1995.

"A Time for Growth: Distance Learning Opportunities in the Mid 90's," USDLA Workshop Leader and presentation, Pacific Telecommunications Conference, Honolulu, Hawaii, January 21, 1995.

"Millennium Thinking: Developing Your Future in the Information Age," Plenary Session BICSI Conference, Orlando, Florida, January 19, 1995.

"The Physical Education Opportunity," Keynote for The National Association for Sport and Physical Education Annual Conference, San Antonio, Texas, January 14, 1995.

"The Partnering Process," Intervoice Corporation, Dallas, Texas, January 13, 1995.

"Applications of Broadband" at "A Focus on Wireless Data and Broadband, Infovision II" - International Engineering Consortium Executive Conference, Phoenix, Arizona, November 19, 1994.

"Critical Issues for NII Development," University of Colorado, Boulder,

"Three Three Three" Conference, Colorado State University, November 17, 1994.

National Technological University Teleconference Panel, "The NII", Ft. Collins, Colorado, November 17, 1994.

"Access Oklahoma - A Review of Practical Issues," Oklahoma NTIA Grant Conference, Afton, Oklahoma, October 1994.

"Distance Learning Connections on the Way to the Millennium," Grant County Math-Science Conference, Taylor University, Upland, IN, October 19, 1994.

"The Distance Learning Opportunity," 1st Midwest Telecommunications Exposition, Fort Wayne, IN, October 18, 1994.

International Track Chair, Telecon XIV, Anaheim, CA, October 13, 1994.

"Strategic Opportunities Leading to R.O.I.," Society of Manufacturing Engineering, Muncie, IN, October 11, 1994.

"Millennium Thinking-Future Directions in Technology," Medtronics, Minneapolis, MN, October 10, 1994.

"Technology and Campus Models," Prairie Bible Institute, Three Hills, Alberta, Canada, July 4, 1994.

"Leading into the Information Highway," Indiana Telephone Association Annual Meeting, French Lick, IN, June 22, 1994.

"Riding the Information Highway," Keynote, Oklahoma Telephone Association Annual Meeting, Lake of the Ozarks, Missouri, June 14, 1994.

"Access Oklahoma-Implication for Information Age Education Planning," Interactive Video/Distance Learning Network Forum, Stillwater, OK, May 12, 1994.

"Holistic Education: An Integrator's Perspective," ICC Supercom '94 Convention, New Orleans, LA, May 4, 1994.

"The Road to the Future," Economic Growth, Universal Access and the National Information Superhighway Conference hosted by Congressman Steve Gunderson, Eau Claire, Wisconsin, May 2, 1994.

"Making the Future Work in the Information Age," Indiana School Public Relations Association, Muncie, IN, April 29, 1994.

"Practical Applications of Teleconferencing," The New York Episcopal Alliance,

An Audio Presentation for the Rev. C. Lee hosted by VTel Corporation in Chicago, April 16, 1994.

"The Vendors' Role in the National Information Highway," Panel Chair, Summit Meeting for Teleconferencing Leadership, Denver, CO. February 12, 1994.

"Distance Learning's Future. . . Making the Connections," - Keynote, USDLA-PTC Workshop, Honolulu, HI, January 15, 1994.

"Making Distance Learning Work - A Systems Approach," Panel Chair, USDLA-PTC Workshop, Honolulu, HI, January 15, 1994.

"Toward the Millennium: The Strategic Application of Information Age Technology in the Teaching and Learning Environment of the 90s," Keynote, Fellowship of Evangelical Seminary Presidents, Orlando, FL, January 8, 1994.

"Looking towards the 21st Century: Statewide Strategic Concerns," Oklahoma Legislature Oklahoma City, OK, December 15, 1993.

"Moving Indiana Ahead: Opportunity Indiana," Ameritech Education Leadership Luncheon, Indianapolis, IN, December 14, 1993.

"The Possible Dream," Red Hook School District, Red Hook, NY, December 8, 1994.

Chair for Higher Education Panels Track, Telecon XIII, San Jose, CA, November 10, 1993.

"New Directions, Markets and Opportunity in Distance Learning," USDLA Annual Meeting, San Jose, CA, November 7, 1993.

"New Directions, Markets and Opportunity in Distance Learning," USDLA Annual Meeting, San Jose, CA, November 6, 1993.

"Distance Learning, Issues for States," Regional Education Board Annual Legislative Session, Lexington, KY, October 15, 1993.

"Project Turnaround," Maconaquah School Corp., Bunker Hill, IN, October 1, 1993.

"Distance Learning: A Corrections System Inmate Development Opportunity," Keynote, Transitions in Corrections Conference, Indiana Department of Corrections, Bloomington, IN, July 17, 1993.

"Using the Campus of the Future," Interactive Distance Learning Workshop, Center for Excellence in Education, Indiana University, June 9, 1993.

"An Introduction to a Super Structure for Information Delivery," Keynote, Michigan Community College Association Annual Meeting, Lake Higgins, Michigan, June 1, 1993.

"Distance Learning: A 90's Growth Phenomenon and Competitive Tool," Pro Forum Eastern Engineering Communications Forum, Washington, D.C., May 11, 1993.

"Millennium Thinking: Technology and a Competitive America," and "The Bold Route to the Future," Two Presentations presented to the leadership group and a faculty student session, respectively, University of Missouri at Kansas City, MO, May 25-26, 1993.

"Media in Higher Education: A Review of Today and a Look at Tomorrow," The University of Wisconsin System Meeting, University of Milwaukee, Milwaukee, WI, May 7, 1993.

"A Review of Distance Learning Across the U.S.," R. Steele with T. Seward and M. Savacchia (graduate students), International Distance Learning Conference, April 3, 1993.

Chair of the Policy Track, International Distance Learning Conference, Washington, D.C., April 3, 1993.

"Review of Major Domestic Policy Issues," International Distance Learning Conference, Washington, D.C., April 3, 1993.

"Implications for International Distance Learning," -Keynote, International Distance Learning Conference, Washington, D.C., April 2, 1993.

"Partnerships: The Pulse of Education Improvement in the Information Age," Keynote, "Telecommunications - The Pulse of Economic Development Conference", South Central Bell and the University of Southwestern Louisiana, Lafayette, LA, March 24, 1993.

"Strategic Applications: An Unusual Approach to Graduate Education," Telecomm Program, in Electrical Engineering, University of Southwestern Louisiana, March 23, 1993.

"Managing Myths and Managing Opportunities," for Technology in the 21st Century: Demands on School Facilities, Indiana Association of School Business Officials Professional Development Seminar, Indianapolis, IN, January 28, 1993.

"Managing Toward the Millennium," LAN Conference, Ball Corporation,

Muncie, Indiana, December 14, 1992.

"Driving Education into the 21st Century," Infovision - National Communications Forum, Orlando, Florida, November 19, 1992.

"Designing and Developing Break the Mold Projects," Breaking The Mold - America 2000 Conference, Muncie, Indiana, November 12, 1992.

"Strategic Application in the K-G Environment," Executive Session, British Columbia Telecom, Victoria, British Columbia, November 9, 1992.

"Applying Technology in Education," British Columbia Telecom, Victoria, B.C. November 9, 1992.

"Application of Response Terminals," panel Chair Telecon XII, San Jose, California, October 27, 1992.

"Effective Distance Learning: The Ball State University Approach," United States Distance Learning Association Annual Meeting, San Jose, California, October 24, 1992.

"From 1983 to the Brooks Bill: Pioneering in Information and Communication," Northeastern Wisconsin Telecommunications Association, Appleton, Wisconsin, September 23, 1992.

"The Nuts and Bolts of Developing a State Technology Plan," (Keynote session), Education Commission of the States Annual Legislative Session, Cincinnati, Ohio, August 5, 1992.

"National Policy Recommendations for Distance Learning," Supercomm/ICC '92 Conference Special Session, June 17, 1992.

"Education in Transition - Toward Creating Our Common Future," (co-keynote), Supercomm/ICC '92 Conference, June 16, 1992.

"The Electronic Classroom of the Future," The 45th International Communication Association Convention, Atlanta, Georgia, May 19, 1992.

Program Chair International Distance Learning Conference, Washington, D.C., Saturday, April 25, 1992.

"A Five Year Report Card," Northern Indiana Telecommunication Association, Fort Wayne, Indiana, April 2, 1992.

"A Bold Route to the Millennium," (Keynote), Broadband: From Vision to Reality Comforum, National Communication Forum, Dallas, Texas, March 30, 1992.

"Technology, Tolerance and Managing in the 21st Century...an Issue of Leadership," Sigma Iota Epsilon, Muncie, Indiana, March 13, 1992.

"Panel Chairman, 1992 "Summit" on Teleconferencing, Reno, Nevada, February 7, 1992.

"Distance Learning and Strategies for State Support of Education," Education Equity Commission, State of Ohio Legislature, January 30, 1992.

"International Distance Learning: U.S. Experience and Its Application in the Pacific Rim," Pacific Telecomm Council, Honolulu, Hawaii, January 16, 1992.

"Applying Technology to Teaching and Learning," Henry Ford Community College, Dearborn, Michigan, January 8, 1992.

"National Policy Recommendations of the United States Distance Learning Association," Congressional Briefing, Washington, D.C., October 1991.

"The Last Frontier: Millennium Thinking," (Keynote) CETYS University, Tijuana, Mexico, September 19, 1991.

"The Impact of Technology Advancement," First National Policy Forum sponsored by the United States Distance Learning Association, Burlington, Vermont, July 1991.

"Business Strategies in Distance Learning: Unlocking Obstacles to Growth: EdNet, Orlando, Florida, February 1991.

"Public Relations: Advancing Your College's Images," President's Institute, Council of Independent Colleges, Phoenix, AZ, January 1991.

"Millennium Thinking: New Technology in Campus Conferencing," 12th Annual Campus Conference, Rhode Island, January 1991.

"Distance Learning and Global Trends on the Way to the Millennium," Pacific Telecom Council, Honolulu, Hawaii, January 1991.

"Industry Relations and Establishing Laboratory Facilities," Workshop on Telecommunications Research and Teaching, University of Colorado, International Communications Association, Boulder, Colorado, November 1990.

"Getting to the Future," Midwest Telecommunications Conference, Chicago, IL, October 1990.

"How Technology Will Impact Elementary and Secondary Schools in the '90s," Indiana Public Schools Study Council, Indianapolis, IN, September 1990.

"The Campus of the Future," (Keynote) Education Connections Special Conference for Higher Education Teachers, July 19-20, 1990.

"The Importance of Telecommunications in the '90s. (Keynote) Association of College and University Telecommunications Administration, July 1990.

"Desktop Publishing Issues," International Communications Assoc., Trinity College, Dublin, Ireland, June 1990.

"Misdirection Ploys and Other Involvement Gambits: Innovations in Training," Automotive Training Managers Council, Indianapolis, IN, May 1990.

"Trends for the '90s: Impact of Technology on Education," Deans Roundtable for the UPS Sponsored Series on Strategic Staffing for Global Competitiveness, Atlanta, GA, April 1990.

"The Challenge to Education," Deans Roundtable for the UPS Sponsored Series on Strategic Staffing for Global Competitiveness, April 1990.

"Delivery of Education via Technology," Michigan Conference on Merging the Systems: Adult Education and Technology, Educational Teleconsortium of Michigan and Michigan Association of Adult and Continuing Education, Higgins Lake State Park, MI, April 1990.

"The Future is Not What It Used to Be - Integrating Technology and Planning," State of New York Computer Officers Association, Buffalo, NY, April 1990.

"Looking to the '90s," Indiana Organization of Wo-Men in Telecommunications, Indianapolis, IN, March 1990.

"Towards the Millennium: A Bold Route for the Future of Distance Learning in the '90s," Pacific Telecommunications Conference and University of Hawaii, Honolulu, HI, January 1990.

"Proposal Development and Support," GTE's Proposal Support Group, Indianapolis, IN, October 1989.

"Instructional Technologies at Light Speed - What's in Our Future?," Faculty Development Symposium, Bowling Green State University, Bowling Green, OH, September 1989.

"The Impact of Technology on Learning," Eastern Region Government Technology Conference, Saratoga, New York, September 1989.

"Breaking Down Barriers and Making the Information Age Work for Education," Shoreline School District Annual Retreat Conference, Seattle, Washington, August 1989.

"The Strategic Application of Technology in Higher Education in the 1989's" Southeastern Michigan Television Education Consortium, June 1989.

"UNIX in the Humanities," Third Annual U3g Conference UNIX Users Association on Campuses, New Orleans, LA, April 1989.

"Management and Communications Tactics," Western Pennsylvania Chapter of the Clinical Laboratory Management Association, Pittsburgh, PA, March 1989.

"Computing Trends for the 1990's" Trends for the Next Decade Conference, Washington Community College Computing Consortium, Seattle, Washington, November 1988.

"The Future Is Not What It Used to Be: Strategies for the Information Age," Midwest Health Systems Conference, Pittsburgh, PA, November 1988.

"Developing a Teaching Environment Model Campus of the Future Project," (Keynote) Ohio Higher Education Computer Consortium Conference, Columbus, OH, October 1988.

"The Strategic Application of Information Age Technology," Second International Information Technology Conference, Chichester College, Chichester, England, June 1988.

"Taking a Look at the New Electronic Communications," Indiana Public Relations Assoc., Professional Development Conference, Indianapolis, IN, March 1988.

"Media, Communication and Leadership Issues," American Institute of Clinical Engineers, Pittsburgh, PA, February 1988.

"Developing the Graduate Program: Problems and Prospects," Speech Communications Assoc., National Convention, Boston, MA, November 1987.

"The School of the Information Age," Northern Indiana's Superintendent's Association, Mishawauka, IN, October 1987.

"Management and Information in the 21st Century," Sigma Iota Epsilon National Business Society, Muncie, IN, September 1987.

"Communications and the Community's Right to Know," American Wood Preserver's Institute Annual Board Meeting, Nashville, TN, September 1987.

"The Networked Campus," The Third Annual Farmingdale Interdisciplinary Conference on Academic Issues (Keynote), State University of New York, Long Island - Farmingdale, NY, May 1987.

"Basics of Voice Communications," Communication Networks Convention, Washington, D.C., February 1987.

"The Future is Not What It Used to Be," Northern Indiana Telecommunications Assoc., Ft. Wayne, IN, March 1987.

"Making the Information Age Work for You," Chicago Industrial Communications Assoc., Chicago, IL, March 1987.

"Telecommunications, a Management Tool," North Central Chapter, National Assoc., of Accountants, Muncie, IN, October 1986.

"The Information Age: Being Strategic and Opportunistic," International Organization for Wo-Men in Telecommunications, Indianapolis, IN, October 1986.

### **Professional Service and Recognition**

#### **Awards and Honors**

Sr. Executive Director Emeritus, iDMAa, October 2011.

iDMAa Founders' Leadership Award, Savannah, GA, October 2011.

"President Judge," FIAM International Digital Art Exhibition 7<sup>th</sup> WSIM, Shenyang, China, September 23, 2011.

Judge ATOMP Industry Awards, 2010, Fall

Judge International Digital Art Exhibition, 6<sup>th</sup> WSIM Shenyang, China, October 15, 2010.

US Sports Academy (NAFAC) National Faculty, 1994-2011.

2010 Innovative Course Award, International Telecommunication Education and Research, (ICS 699).

iDMAa National Conference Awards Co-Host, Savannah, GA, October 2011.

Judge International Digital Art Exhibition, 5<sup>th</sup> WSIM, Shenyang, China, September 25, 2009.

Distinguished Service Award, International Telecommunication Education and Research Association, 2008.

Founders Award from the International Digital Media and Arts Association on 11/7/08 at their Awards Dinner at the 6<sup>th</sup> Annual Conference in Savannah, Georgia.

2008 Innovative Course Award, International Telecommunication Education and Research Association (ICS 601).

2006 Avid Faculty Guest Award – Avid Education Summit, Sundance Village, Provo, Utah, October 11-14, 2006.

Invited Member, The Honor Society of Phi Kappa Phi, Ball State University, October, 2004.

Excellence in Teaching Award, College of Communication, Information, and Media, 2005.

International Internet Learning Association Board Member, 2001

USDLA Hall of Fame Member, March 2001

INITA CyberStar Award, Outstanding Contributor to Technology in Academia in Indiana, May 2000.

Named Honorary Member of Faculty at Hebei RTV University, Shijiazhuang, China, October 1997.

USA Today , "Life Section," P.5D, December 20, 1995 (Half page feature on Dr. Steele's work.)

Leon Montgomery Memorial Award for "Innovative Curriculum Planning, Distance Learning and Meaningful Impact on Industry and Profession" by International Communication Association Foundation, Anaheim, CA, March, 1995.

Member, Distance Learning Faculty - Doctoral level, Union Institute, Cincinnati, Ohio, 1995

Educational Overseers Council, International Engineering Consortium, Chicago, IL, 1994-95, 1995-96.

United States Distance Learning Association International Ambassador and President Emeritus and Chairman of the Board of Directors, Emeritus.

Harry J. Pfister Award for Excellence in the Communications Industry, from the Business and Industry Consulting Services Institute, and International Association, and the University of South Florida, Tampa, FL, January 1994. (First time this award was given to an educator).

United States Sports Academy "National Faculty Member," Mobile, AL, appointed January, 1994 - Present.

National Network Education Award, (ENNE) from Networking World, and Net World, Dallas, TX, September 1993.

Eagle Award for Distance Learning Leadership from Ameritech, June 1993.

Christian Science Monitor, front page, March 2, 1993. (Story featuring R. Steele's work).

"A+ for Breaking the Mold Schools," Project award recipient for "America School 2000 Project" by Lamar Alexander, U.S. Secretary of Education, October 1992.

Sigma Iota Epsilon, Ball State University Outstanding Contributions in the Development of Tomorrow's Information Leaders Award, March 13, 1992.

Second Inductee Teleconference Hall of Fame, Teleconference Magazine, San Ramon, California, 1991.

Joe Wyatt Success Story Award for V.I.S. by EDUCOM, October 16, 1991.

Tennessee Associates International National Academic Administrator's Scholarship Competition Award Winner - Executive Course in Continuous Improvement, April 14, 1992.

### **Service**

National Conference Chair, International Digital Media and Arts Association, 2011, Savannah, GA.

Advisory Board Co-Chair, iDMAa 2008-2012.

Senior Executive Director, International Digital Media and Arts Association, 2009-11 (Executive Director from 2003).

Chair of Advisory Board, International Telecommunication Education and Research Association, (2008-Present).

Board of Directors, International Federation of Multimedia Associations, 2009-2012 (FIAM), Headquarters Montreal, Canada.

iDMAa Journal Editorial Management Board 2006-2011.

Board of Directors, International Telecommunication Education and Research Association, 2005-present.

Board of Directors International Digital Media and Arts Association, 2003-present.

iDMAa Leader for Strategic Futures Board Retreats 2010, 2011 (Vancouver, Canada and Savannah, GA).

CICS Student Social Learning Program Activities Leadership – Golf, Ski Adventures, Wine Education and Sailing Education Sessions 2007-Present.

ITERA National Student Case Competition Review (2011-12) Committee Chair and Case leader for 2012-13 and 2007-08, 2008-09.

Guest Lecturer, Dr. Jay Gillette's Leadership Course, CICS, March 19, 2009.

Guest Lecturer, Sr. Capstone Class, Dr. Fred Kitchens, 2/27/07, "The Consulting Game"

Leadership Session with Wheaton Academy on Wheaton Academy Virtual at Ball State University, February 7, 2007.

Outside evaluator for Dr. Mark Weiser, Promotion Process, Oklahoma State University, January 2007.

Outside evaluator for Dr. John Hoag, Tenure Process, Ohio University, December 2006.

Program evaluator for Interdisciplinary Telecommunication Program at the University of Colorado, Boulder, September 2006.

Guest Lecture, Association of Information Technology Professionals, Ball State University, College of Business, October 2005.

Panel member, "Legal Advisory Council – Negotiating the Perfect Contract," Association of Telecom Management Professionals conference, "Telecom Financial & Technology Management," Chicago, Illinois, May 17, 2006.

Panel Moderator "Teaching the Business of Digital Media" panel IDMAA Conference, Miami University of Ohio, April 7, 2006.

Panel Moderator "Middletown Media Studies II: Observing Consumers and Their Interactions with Media", University of Miami of Ohio, IDMAA Conference, April 7, 2006.

Participant Presenter – "Interactive Media Program P & T Panel," Miami University of Miami of Ohio, IDMAA Conference, April 6, 2006.

Guest Lecturer, Sr. Capstone Class, Dr. Fred Kitchens, 2/28/06, "The Consulting Game"

"The DVD Project", Dr. Alan Richardson's Telecommunications 400 course, Spring 2006

Board member, Association of Telecom Management Professionals, 2006.

Chair, Emeriti Council, United States Distance Learning Association, 2005-06.

Founding Board Member, Chairman of Board, CEO, International Telecommunications Education Research Association, May 2005

Guest Lecturer for Fred Kitchen's Management class at Ball State University, November 18, 2004.

New Millennium Research Council Conf. Reserve Officers Association, Panelist – Policy Issues, "Interoperability for First Responders", Washington, DC, September 14, 2004.

Co-Organizer, Broadband Summit, Washington DC, April 2004.

Executive Director, IDMAA, 2003 - 2009

Board Member, International Digital Media and Arts Association, 2003- 2010

International Digital Media and Arts Association, Journal Executive Editorial Board, 2003 to present.

Steering Committee Member, Annual Summit Meeting, April 19, 2004, Washington, DC, "Applications of Broadband Internet," 2003-2004

Present, Association of Information Technology Professionals, Ball State University, November 12, 2003.

Speak at Muncie's Sunshine Rotary Club, "Knowing the Difference", June 20, 2003.

USDLA National Awards Committee 2003-04.

Founder and Executive Director, International Digital Media and Arts Association, March 2003.

Chaired Ball Building Hallway Project, 2003.

Co-Chair, Digital Media Academic Workshop in conjunction with the University of Central Florida and the Florida Film Festival, March 12-14, 2003.

Led a Workshop on Leadership Communication for Teacher's College, Indianapolis, IN, March, 2003.

Co-sponsored and introduced the "Foster Forward Thinking: The Corporate Entrepreneurial Infusion," Ball State University, February 6, 2003.

Led Executive Conference Room 200 BC Technology Design Project and Installation Process, iComm Funded, \$80,000, July 2002- July 2003.

Creator and Chair Digital Media Futures Conference, Indianapolis, IN, October 30, 2003.

Creator and Chair – First National Digital Media Curriculum Conference, Ball State University, Muncie, IN, September 27-29, 2002.

Chaired campus seminar on Wireless Applications, Ball State University, Spring, 2002.

Professional Program Review, ECT Engineering Technology, Rochester Institute of Technology, New York, June 18, 2002.

Member, Ball Building Expansion Committee, 2002.

Led a Workshop on Leadership Communication for Teacher's College, Indianapolis, IN, March 2, 2002.

Chaired 2 Panel sessions, "Consultations in Distance Learning: Market Development," and "Consultation in Distance Learning: Technology and Program Development," InDLA Annual Conference, Indianapolis, IN, November 5, 2001

Member, Board of Directors, International Internet Learning Association, 2001

Indiana Distance Learning Association Director and Chair of Board and CEO, 2000, 2001, 2002, 2003

USDLA Board Director and Chair Bylaws Committee, 2000

Chaired, USDLA Compensation Committee, 2000 - 2005

Served on Panel for Indiana Technology Workforce Development Summit, Indianapolis, Indiana, November 15, 2000.

Chaired "Technology Futures Panel" for Indiana Distance Learning Association's First Annual Conference, "Distance Learning: It Works in Indiana, Indianapolis, Indiana, November 6, 2000.

Creator, project leader of the Technology Leadership in Education Awards, Ohana Foundation Funded, Denver, Colorado, October 26, 2000.

Guest speaker at Cisco Academy Retreat, CICS, Ball State, June 15, 2000.

Huntsville Alabama Community School District Leadership Technology Review, Huntsville, AL, May 2000.

Guest lecture for BTS (Business Technology Students) at the Lycee Marquette by distance learning technology entitled, "Questions of Technology Education and our Joint Future", France, April 10, 2000.

Strategic Technology Plan, Huntington College, Huntington, IN, Spring, 2000.

Calhoun Community College - Aerospace Technology Training Center - Design and Project Delivery, Decatur, Alabama, Spring-Summer 2000.

Andrews University Technology Counsel, Michigan, January 2000.

Presenter at PPDLA in Honolulu, HI, January 8, 2000.

Served on Panel discussion entitled "Conclusions on Technology, Distance Learning and Education for the 21st Century," at Cediproe Foundation Proceedings in Buenos Aires, Argentina, May 8, 1999.

Founding Board Member and Chair of Board and CEO, Indiana Distance Learning Association, 1999.

Co-presenter at 8th Annual Telecon East IDLCON Awards Dinner, Washington D.C., March 18, 1999.

Bylaws Committee Chair, USDLA, 1999.

Member, Council of Communication Advisors, New York, 1999.

Committee member for Ph.D, 1998, Phil Lyons.

Chaired main session at Telecon XVIII in Anaheim, California on October 27, 1998.

Sessions with Leadership and Faculty of Huntington College - "Technology in the Teaching and Learning Environment.", Huntington, IN, September 15, 1998.

Harry J. Pfister Award for Excellence in the Communications Industry, from the Business and Industry Consulting Services Institute, and the University of South Florida.

International Committee Member for Ph.D. successful completion of dissertation entitled "Characteristics and Outcomes of Advanced Refunding of School Construction Bonds in Indiana," November 1998. Teachers College. BSU.

Consultant to Educational Testing Service for TOEFL New Products and Services Committee, 1998-99.

Chaired Higher Education session at Telecon XVII, Anaheim, California, November 6, 1997.

Appeared on International Video Conference entitled "Distance Learning: An International Perspective", with John Flores, President, USDLA and Executive Director MCET, in Helsinki, Finland originating at MCET in Massachusetts, June 17, 1997.

Chaired Session entitled "Video Conferencing in European Institutions", Telecon Europe, June 18, 1997, Helsinki, Finland.

Served on the LAI Committee for TOEFL during 1997-98 year.

Participated in Program Evaluation for University of Missouri, Kansas City, Telecom/Computer Science Program, March 1997.

Lead Industry Leaders Panel on Globalization of the Industry during USDLA Summit Meeting, February 16, 1997, Reno, NV.

Served on Steering Committee, Lead International Session, and Co-presented for Summary Session of USDLA 2nd National Policy Forum, January 6-8, 1997,

Washington, D.C.

Speaking at Department of Physics and Astronomy and demonstrating the Fleetwood System, December 4, 1996, Ball State University, Muncie, Indiana

Member VTEL Advisory Board, 1996, Austin, Texas

Attended USDLA Board Meeting, October 29, 1996, Anaheim, CA  
Finals Judging for 1996 ICA Student Paper Competition

External reviewer for Dr. David Donnelly's tenure and promotion at University of Houston

ICA Chair of WWW Home Page National Competition 1996.

ICA Foundation Chair of Fund Raising Committee 1996.

University Representative for Mr. Paul Gabriel's Doctoral Committee 1993-February 26, 1996.

Richmond Schools - Richmond, IN, February 19, 1996.

Board Member of Institute for Instructional Development for University of Missouri, Institute for Instructional Development, 1995-96.

Ron Valutis, Ministry Administrator, East Lansing Trinity Church, January 10, 1996.

Member of the Naval Studies Board of the National Research Council, 1996-97

Clarkstown Schools, Clarkstown, NY, December 5, 1995.

Dr. Richard Knecht of University of Toledo, August 30, 1995.

Interview with Michael Jeffries of Kent State University--Doctoral Candidate dissertation on theories relating to the Conditions of Institutionalization of Technology-Based Distance Education.

Horizon Convention Center Telephone Project Counsel, April 19, 1995

Southern College of Technology - April 21, 1995

Dr. Kwan Eung Lee - founder of Korean Educational Consulting Institute--source of all BSU links to LG Group of Korea, April 12, 1995.

Unisys Corporation Placement Officer for CICS Visit, April 11, 1995.

Information Technology Department, Liverpool Institute of Higher Education, Liverpool, England, September 1994, November 1994, and April 1995.

ICA Foundation Student Paper Competition Preliminary and Finals Judge 1990, 1991, 1992, 1993, 1994, 1995.

City of Columbus, Indiana, Cummins Engine and Columbus area schools,

March 17, 1995.

IBM Corporation representatives, March 16, 1995.

Ball State University Presidential Technology Report, March 1995.

Indiana Humanities Council Computer Task Force, Indianapolis, Indiana, 1995.

Trevecca Nazareen College, February 7, 1995.

University of Kentucky, January 23, 1995.

Indiana Business and Modernization and Technology Corporation Project  
Reviewer, January, 1995.

Served on three doctoral committees: Paul Gabriel, BSU, Jane Swiss, BSU and  
Ed Zajac, Union Institute, New York, 1995.

Academic Development Committee, International Communications Assoc.  
Representative for ICA Recognized Schools in United States (graduate and  
undergraduate) 1988-Present term, elected by academic program heads.

Chairman of the Advisory Board and International Ambassador United States  
Distance Learning Association 1993-94.

Oklahoma State University Interdisciplinary Telecommunications Program  
Committee - Program Review, December 14, 1994.

University of Central Arkansas - November 30, 1994.

Lead International Architecture Student Technology Lecture Session, November  
3, 1995.

Southeastern Indiana Coalition Project, November, 1994.

West Central Community Schools, September 21, 1994.

Crowe Chizek Advanced Technologies, September 16, 1994.

Stetson University, August 30, 1994.

Disney City of the Future, August, 1994.

Indiana University Center of Philanthropy, June 2, 1994.

Southwestern Baptist University, May 12, 1994.

FCC Briefing with Chairman Hunt's staff, Washington, D.C., February 28, 1994.

Testimony for the Indiana Utility Regulatory Commission, Indianapolis, IN, 1994.

North Adams Community Schools, Decatur, IN, 1993.

Maconaquah School Corp, Bunker Hill, IN, 1993.

Perry School Corp., Indianapolis, IN 1993.

Indiana Soldiers' and Sailors' Children's' Home, 1993.

Asbury Theological Seminary, Wilmore, KY, 1993.

Chicago Resource and Planning Group, 1993.

Austin Peay State University, Clarksville, TN, 1993.

Ameritech Corp. Education Group, January, 1994.

Tennessee State University, Nashville, TN, 1993.

GTE Corp. Education Staff, Dallas, TX, 1993.

Integrated Strategies Group, Sponsored Visits to U.S. Congressional Offices on behalf of Education and Distance Learning Legislation, Washington, D.C., 1993-94.

Evergreen Park School District, Evergreen Park, Illinois, January 1992.

Westfield Washington School Corporation, Westfield, Indiana, 1992.

Cedar Valley Community College, Austin, Texas, July 1992.

Old Dominion University at Outer Banks, North Carolina, August 7, 1992.

Maui Community College, October 1992.

Tipton Schools, Tipton, Indiana, December 1992.

1991-92: Chairman of the Board, United States Distance Learning Assoc.

1989:91: President, United States Distance Learning Association

- 1986-91: Director, Center-based campus-wide Faculty Development Program  
Result: In four years, almost half of the 1000 faculty participated in workshops and special development programs enhancing their use of technology in the classroom and in distance learning, including the MBA program.
- 1985-91: Executive Committee of the Board and Board Member, National University Teleconference Network.
- 1986-91: National Communications Forum Conference Faculty Scholarship.
- 1989-91: President, United States Distance Learning Association 1989-90, and re-elected 1990-91.
- 1990-91: Elected as the first Academic Representative to the International Communications Association all Industry Academic Development Committee, 1990; re-elected 1991. AASCU "CUESS" Operations Committee, Golden Key National Honor Society, Honorary Member, Sigma Iota Epsilon National Business Society. One of three faculty invited to (full scholarship) the Carter Presidential Center UPS/Emory University sponsored Information and Communication Forum for the top 50 leaders in the field, April 1990-91. (Reelected through 1996.)
- 1989-91: Governor appointed co-chair of CST's State of Indiana Information Technology and Communication Long Range Strategic Planning Task Force, 1989; Governor appointed Co-Chair, "Indiana First," the Implementation Planning Project for digitized voice, data and video to the home in Indiana, 1990-91.
- 1989: Writer, executive producer and host of International Teleconference, "Myths, Models and Realities: Creating a Campus of the Future," covered 40 of 50 United States, Canada, Mexico and Australia. Achieved the largest viewing audience (12,000) for a higher education produced teleconference to date and peer evaluated effort.
- 1987-89: Project Director - Teaching Environment Model-Campus of the Future located at Ball State University  
  
Result: Led the AT&T/BSU partnership team in the design and installation of the voice, data, video and fibre-optic system. Developed \$3.5+ gifts, grants, scholarships, fellowships and equipment for the academic program and \$5M of benefit to Ball State University.  
  
Co-Creator, "The Video Information System" with Tim Beekman. Prototype technology in operation at BSU which became the "IIS," a product now used in schools, university and business organizations throughout the U.S.

- 1985-91: "The Teaching Environment Model of the Campus of the Future," and R + D showcase project - author of paper and project director creating a national model for the strategic application of technology in higher education using BSU as site. The site has been visited by over 350 organizations.
- 1986: Task Force Leader - Campus Infrastructure Task Force Result: Created a four-element strategic plan for the application of information-age technology on campus and negotiated the "Teaching Environment Model of the Campus of the Future" (TEM-COF) partnership with AT&T.
- 1986: Creation and Implementation of MS in ICS final curriculum and curriculum update and conversion from quarters to semesters in 1987-88 and full curriculum review and update 1990-91.
- 1985: Founding Director, Center for Information and Communication Sciences, Ball State University, Muncie, Indiana. Typically has a 135-member (graduate/professional) student body and a 95 percent placement rate for over 400 alums.
- 1984-85: Two undergraduate teaching awards, University of Pittsburgh.
- 1984-85: Graduate Teaching Recognition, Graduate School of Business, University of Pittsburgh.

### **Consultancies (Partial list)**

Fiber Board Corporation, Louisiana Pacific Corporation, AT&T, Graphic Arts Technical Foundation, American Wood Preserver's Institute, Vulcan Chemicals, University of Tennessee, Chattanooga, Forbes Health Corporation, University of North Dakota, Oklahoma State University, Loyola University, Illinois Institute of Technology, Kerr-McGee Co., Hildebrand Industries, Oklahoma Center for the Advancement of Science and Technology, Federal Food and Drug Administration, I-Car, Shoreline School District, Seattle, Washington, Shure Teleconference Systems, Ketchum Fund Raising, University of Mississippi, LTV Steel, Central Blood Bank, Pittsburgh, PA, City of Muncie, Indiana, Penn-Harris-Madison School Corporation, Koppers Company, Pittsburgh, PA, Westfield Washington School Corporation, Wright-Patterson Air Force Base, Foreign Technologies Division, Ohio, Westinghouse Corporation, Pittsburgh, PA, Mellon Bank, Pittsburgh, PA., IBM, NY, University of Texas, City of Austin, Texas, Perry Schools Corp., IN, Red Hook School District, N.Y., State of Oklahoma, American Wood Preservers Institute, Washington, D.C., Maconaquah Schools Corporation, Bunker Hill, IN, Washburn University, Topeka, KS, Asbury Theological Seminary, Wilmore, KY, Legislature of the State of Oklahoma, Clarkstown Central School District, West Nyack, NY, Red Hook Schools, Red Hook, NY, Spring Arbor College, Spring Arbor, MI, Calhoun Community College, Decatur, AL, Andrews University, Berrien Springs, MI, Huntington College, Huntington, IN.

### **Board Memberships and Special Assignments**

Chair of the Advisory Board, International Telecommunication Education and Research Association, 2008-2011.  
 Chairman Emeritus and Member of the Executive Committee of the Board, ITERA, 2008-2011.  
 Co-Chair Advisory Board, International Digital Media and Arts Association, 2009-present.  
 Board Member, Federation of International Associations of Multi Media, 2009-present.  
 Founder and Executive Director, International Digital Media and Arts Association, 2003-present.  
 Co-Founder and Chair of Board, International Telecommunication Education and Research Association, 2005-2008.  
 Chairman of Board, Indiana Distance Learning Association, November 2001-2006.  
 Board Member, Irish Centre for Distance Education Research and Application, 1999-2006.  
 Board Member, Global Distance Learning Association, 1999.  
 Chairman of Board, Global Distance Learning Association, 1998-99.  
 Member, NASDAQ Listings Qualifications Panel, 1998-2008.  
 National University Teleconferencing Network Executive Committee, 1983-1990.  
 United States Distance Learning Association, 1988 – 2008.  
 Muncie Children's Museum, 1986-1990.  
 Telecon Industry Executive Committee, Advisory Board, 1987-1993.  
 Member of Golden Key National Honor Society, 1987-1999.  
 Applied Business Telecommunications Referee.  
 Interactive Learning International Journal, United Kingdom, 1989.  
 IEEE Journal Referee  
 ICA Academic Development Committee  
 ICA Annual Paper Competition Judge  
Networking Management Magazine, Advisory Board  
 Ameritech Customer Advisory Board, 1994 – 1998.  
 Indiana Department of Corrections Advisory Board, 1994 – 2003.  
 VTel Customer Advisory Board, 1993 – 2001.  
 T.I.M.E. Advisory Board (Teleconferencing Industry), 1993 – 2000.  
Interactive Learning International Journal, Ed. Advisory Board  
International Digital Media and Arts Association Journal, Executive Editorial Board, 2003-present.

### **PROFESSIONAL EXPERIENCE BEFORE COMING TO BALL STATE UNIVERSITY**

#### University Administration

1978-1984 - Assistant Provost, University of Pittsburgh

Line responsibility for Academic Support Services with 6 directors, 60 staffers, \$2M budget.

- Results - Implemented first University faculty teaching evaluation program in 18 schools, growing from 800 to 3,000 courses evaluated per year, created Univ. Faculty Development service. Increased services while decreasing budgets receiving high satisfaction ratings

for academic services in faculty-wide unit evaluations. Outside funding results exceeded \$100,000.

Director, Telecommunications Development Project

- Results - creation of the Campus of the Future information technology project and negotiation with AT&TIS for its first campus-corporate partnership publicly valued in excess of \$20M to Pitt, including the national advertising campaign featuring Pitt, currently underway.

Chair, Pitt Continuing Education/Video Conferencing Task Force and Telecourse Development Task Force

- Results - Pitt became leading video conferencing academic institution both in receiving and producing national video conferences from 1982-84 and project was returning income in excess of cost by end of FY '84. It also represented first successful cooperative activity for continuing education units in a decentralized environment. Pitt is now involved with telecourses projects funded by Alcoa Corp. and the Annenberg Grant project.

Represented Pitt with National University Teleconference Network, International University Consortium, PBS-PTV-3, convener for Pennsylvania Commonwealth Universities Instructional Systems Development Service and Pennarama advisory board representative for Commonwealth University Group.

Academic Program Development Projects

- Results - led development of new communication/information and telecommunications program (1982-84), brought in \$150,000 start-up grant, a paid visiting professorship, a telecommunications equipment lab and research support, participated in development of Pitt's first joint J.D. - MBA degree program, the year abroad in Japan program, the Semester-at-Sea program. Presidents' meetings, participation in planning and budgeting activities for \$200M over the 20 academic schools and campuses and 15 centers, academic space, created student retention and enrollment development projects, special assignments for the Chancellor and problem solving with faculty, staff, students, legislators and community members. Often the most critical assignment was troubleshooter and quiet problem solving for Pitt.

1972-77

- Assistant to the Provost  
Provost's personal assistant and staff management functions.

Chair, Graduate Teaching Assistant Task Force

- Results - Implemented first University policy for 1,200 teaching assistants, renegotiated fringe benefits resulting in \$250,000 savings to Pitt with increased benefits for all teaching assistants Administered program from 1975-84.

Co-developed the Academic Integrity Guidelines System, a due process based campus conflict resolution system to reduce litigation involving faculty, students and the University. Implemented the system in 20 schools and administered from 1976-84.

- Results - Not one more case involving faculty-student conflict went to litigation from 1976 to date and, per annual review results, a steady decline in the conflicts rising above the local unit resulted.

Pitt received favorable national recognition for pioneering this system in New York Times, Change Magazine, Carnegie Commission Report.

Chaired the University Grading Policy Task Force and implemented and administered policy from 1976-84.

- Results - This was the first time Pitt's 20 academic units were able to agree on a single grading policy allowing improved academic transfers within the university, systems automation and productivity enhancements for institutional record keeping.

Reorganized units to form the University Center for Instructional Resources with budget savings and improved services, phased out units with outdated missions, handled special policy assignments in affirmative action, veterans affairs and handicapped legislation, chaired Legislative Day programs in 1973-74 involving Pitt's leadership team with state "lobbying" activities. Wrote Title VI proposals resulting in \$30K in grants and represented Pitt at numerous local, state, and national events.

1970-71 Director of the National Alumni Admissions Development Program and Assistant Director of Admissions, Cornell College, Mt. Vernon, Iowa.

Teaching  
1977-84

Graduate School of Business, Pitt, Management Programs for Executives, Faculty, Executive MBA and Full-time MBA and Evening MBA programs for faculty, teaching Interpersonal Skills for Managers, Interpersonal Communications, and Management Effectiveness topics.

1973-84 Dept. of Communication, Faculty of Arts and Sciences - Taught Speech, Group Discussion, and Communication courses for College of General Studies, handled interns in broadcasting and advised Media students for College of Arts and Sciences, occasional lectures for School of Physicians and Interns. Guest lecturer at area colleges on New Technologies.

#### Outside Professional Activities

1974-84

Consulting in Management, Communication, Marketing, Telecommunication and Executive Development with Government, Corporate and Academic Institutions including special work with CEOs and Corporate Presidents. Clients include General Motors, IBM, AT&T, LTV Steel, Mellon Bank, Westinghouse, U.S. Air Force, Oregon State System of Higher Education, Pa. Hospital Council, Rockwell, Standard Oil, Burson/Marsteller PR/PA, Miles Labs, Gould and Ray others. Special counsel to the National Univ. Teleconferencing Network Board and the Director.

#### EDUCATION:

1979 Ph.D. Administration, Higher Education, Univ. of Pittsburgh, - Dissertation, "Master Planning in Pennsylvania."  
 1970-71 Univ. of Iowa School of Law, and Iowa Graduate School for Communication and Broadcasting courses.  
 1970 M.A. Communication, Northern Illinois University  
 1969 B.A. Speech and Pol. Sci., Northern Illinois University short courses in Marketing, Management, Negotiations, Technology, U.S. Army Veteran.

#### SELECTED HONORS:

College of General Studies "Apple for the Teacher" Undergrad Teaching Award, 1983-84; International Radio and Television Society Frank Stanton Fellow, N.Y.; Television Conference Foundation Keystone Faculty Fellow; Research Development Grant, Univ. of Pgh; Cornell College Fellowship for Graduate Study; Leadership Training Grant, N.T.L., Northern Illinois University; Private and Public Competitive Scholarships and Assistantships in undergrad., Graduate and Law School.

#### SERVICE, PROFESSIONAL AND COMMUNITY:

International Radio and Television Society and Faculty Industry Conference Group leader in 1975, 1979, 1981 and 1984. Numerous Programs or Presentations for School Districts, Kiwanis and Lion's Clubs, Allegheny County Counselor Association, Council for the Advancement and Support for Education, Washington, D.C. Pitt Institute of Hier. Ed. and S. W. Pa. Hier, Ed, Council, Pgh. Central Blood Bank, Chatham College, the Int'l. Personnel Managers' Assoc., American Red Cross, Central Atlantic States Assoc. of Food and Drug Officials, Alpha Sigma Lambda Honor Society, Communication Guild, Middle State Evaluation for Caribbean University College, Board Member Warner Cable Hier, Ed. Advisory Board, United Way cabinet member, campaign committee chair assignments, etc. Numerous professional memberships.

#### PUBLICATIONS AND NON PRINT PRODUCTIONS:

Contributor to: The Broadcast Industry: An Examination of Major Issues, R. Stanley, ed., Hastings House, Television in the Real World: A Case Study in Broadcast Management, G. Dessart, ed., Hastings House. Steele, Ray L. "Holding Your Own in Pressure Confrontation Situations," Image Impact for Men, J. Thompson, ed., A&W, 1983. Steele, Ray L. "University Seeks Ways to Wire Future Campus," Communication Technology magazine, June 1984.

Articles featuring Dr. Steele's work appear in MBA magazine 1977. Express magazine, 1983, and numerous technology and in-house publications as AT&T's Focus magazine, 1984. Vital Speeches carried his work as a ghost writer. His unpublished manuscripts having wide circulation though created for private, limited uses include: Steele, Ray L. "Handbook on the Development and Operation of CATV Systems," 1971, "The Campus of the Future," 1983, "Looking Toward the Nineties," 1982, and "The Ascending Fall," 1974.

Non print works include: "This Is Pitt," a 26 part cable television series, "The Campus of the Future," a 3.5 hour national video conference, "Profiles," a 60 minute cable TV special; Video Training Productions, "A Midsummer Nights' Giving Comedy" for United Way, "The Use of DDAVP in the Treatment of Diabetes Insipidus," with A.G. Robinson, M.D. for Revlon's USV Labs, and others.