

Gary Wayne Kidney

Curriculum Vitae



Contact

Personal:

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Professional:

Rice University, MS-119
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Education

University of Houston

Doctor of Education	Instructional Technology	2001
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Arizona State University

Master of Arts in Education	Secondary Reading Education	1977
Bach. of Arts in Education	Secondary Social Studies Education	1976
Bachelor of Science	Political Science	1975

Center for Creative Leadership

Leadership Development Program	2006
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Examination Institute for Information Science

ITIL v 3 Foundations	2010
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Current Employment

Rice University

Director, Academic and Research Computing

Houston, TX
July 2007 to Current

Directed academic computing, research computing, and user services for Rice University, a private, doctoral-granting, research university. Performed strategic and operational planning, budgeting, & visioning. Supervised a staff of 52 professional employees, including five managers, and over 40 students. Served on the university's Information Technology Executive Committee, Information Technology Advisory Committee, E-learning Committee, Data Security Task Force, and the Provost's Classroom Task Force. Co-chaired, with a faculty member, the Educational Technology Advisory Committee.

Integrated ITIL principles into user services functions by writing and implementing a service catalog, developing change management and problem management processes, and reconstructing a help desk into a service center. Reorganized student computing support by embedding student computer consultants into residential colleges and integrating them within the Service Center.

Brought user-centered design principles to campus and used them to deploy new services, decommission services, and manage complete service life-cycles. Built communications bridges between the user and IT that created an IT alerts system and a service dashboard. Wrote and analyzed the annual survey of user satisfaction and used its metrics to create a culture of continuous improvement.

Designed and orchestrated partnership buy-in for a condo computing model for high performance computing and virtualization of a shared pool of integrated computing environments. Contributed to \$13 M in high-performance computing grants from IBM, NSF, and NIH.

Pioneered the instructional use of clickers, podcasts, wikis, blogs, and eportfolios. Integrated functionalities for media reserves, performance metrics, classroom capture, multimedia repositories, and federated search into OWL-Space, Rice's customized implementation of the Sakai course management tool. Launched and inspired development of a university iPhone/iPad app.

University of Maryland - University College Adelphi, MD
 Associate Provost, Office of Instructional Services and Support Apr 2006 to May 2007
 Supervised course development, faculty & student course support, use of media in courses, and the application of new technology to courses for the online educational endeavors of nearly 100,000 student enrollments. Supervised a staff of 54 including an assistant provost, two directors, and six assistant directors. Served on the university academic technology steering committee and the academic affairs committee. Launched a “strengthening courses” initiative, in partnership with the National Center for Academic Transformation, that addressed student attrition and learning outcomes issues in courses.

University of Houston - Clear Lake Houston, TX
 Director, Technology Planning and Assessment Sept 2004 to Mar 2006
 Planned all university computing activities. Performed strategic planning, operational planning, budgeting, and visioning. Led project teams in accomplishing planned targets and projects. Performed quantitative and qualitative assessments of all university computing efforts. Served as the university’s Chief Technology Officer. Directed “Tech-Know Day,” the university’s annual day focusing on technology and its applications to teaching, learning, researching and university business processes.

Director, Academic Computing Jan 1993 to Sept 2004
 Director, Instructional Technology Center Jan 1995 to Sept 2004
 Lecturer, Instructional Technology Aug 1996 to Mar 2006
 Created and supervised 9 computer laboratories and the Instructional Technology Center (ITC). Managed a 20 member staff who provided computing services including user support, documentation, training, development of instructional material, web-based instruction, and instructional improvement. Prepared and administered a departmental budget in excess of \$5 million annually. Wrote grants attracting an average of \$250,000 annually. With faculty, developed strategic and operational plans for the use of technology within their curriculum and designed physical and virtual facilities to accommodate them. Negotiated purchase contracts and administered software site licensing. Represented academic computing and distance education on the PeopleSoft implementation team. Created UHCL’s first online Web presence, served as the first Webmaster, and taught the university’s first online course. Led the university’s initiatives in distance education and Web-based instruction and participated in system-wide committees on those topics. Taught graduate and undergraduate classes in Instructional Technology.

Santa Monica College Santa Monica, CA
 Director, Instructional Computing 1985 to Dec 1992
 Planned and managed all campus academic computing activities and computer laboratories. Designed and managed the operation of a campus network containing a fiber-optic backbone, 11 local area networks, and an Internet gateway. Managed 17 staff members who provided computing services. Wrote the first NSF grant to connect a community college to the Internet. Encouraged faculty technology use and developed facilities to implement them. Negotiated with vendors and administered software site licensing. Taught introductory management information systems courses.

Maricopa County Community College District Phoenix, AZ
 Educational Computer Systems Specialist 1983 to 1985
 Administered instructional computing services throughout seven colleges and managed academic use of eleven DEC VAX 11/780 minicomputers connected via DECNET. Planned and implemented a series of in-service workshops for faculty, staff, and administrators. Planned and managed the district’s Microcomputer Demonstration Area, software library, and user support services. Taught computer applications and programming.

Radio Shack Computer Center Tempe, AZ
 Customer Service Representative 1982 to 1983
 Provided user support, installation and training for purchasers of microcomputer systems. Answered telephone queries and provided diagnostic evaluation.

Mesa Public Schools Mesa, AZ
 Teacher 1976 to 1982
 Taught English, reading, and social studies and coached basketball. Pioneered efforts in the instructional use of computers at the school. Wrote CAI materials.

Dissertation:

Kidney, G. (2001). *An evaluation model for Web-based instruction and a case study of its application*. Doctoral Dissertation, University of Houston, TX. (UMI No. AAT 3004078)

Books:

Kidney, G. (1985). *Just enough BASIC*. Academic Computing Corp.: Phoenix, AZ.

Book Chapters:

Hirumi, A., & Kidney, G. (2011). Contemporary issues facing distance educators: An e-learning perspective. In G. Anglin (ed.), *Instructional technology: Past, present and future, 3rd ed.*, 145-160.

Journals:

Kidney, G., Cummings, L., & Boehm, A. (2007, Jan). Toward a quality assurance approach to elearning courses. *International Journal of E-learning*, 6(1), 17-30.

Kidney, G. (2004, June). When the cows come home: A proven path of professional development for faculty pursuing e-learning. *T.H.E. Journal*, 31(11), 12-20.

Kidney, G. & Puckett, E. (2003, Fall). Rediscovering first principles through online education. *Quarterly Review of Distance Education*, 4(3), 203-212.

Hirumi, A., Cook, R., Kidney, G., & Haggerty, B. (2000, Feb). *The systematic and systemic design of an on-line degree and certificate program*. Paper in the proceedings of the annual conference of the Association for Educational Communication and Technology, Long Beach, CA.

Malin, D., Henry, A., & Kidney, G. (1997). *Animated synapses and visualizing brain anatomy* (Computer Software). Houston, TX: UHCL.

A CD-ROM of animation and graphics for pre-medical students written in Macromedia's Director and Authorware. Awarded "Most Promising Software" prize at the 1998 Neurosciences conference in Los Angeles, CA. I was executive producer.

Buford, R., Strong, T., & Kidney, G. (1996). *Teaching students with behavior disorders: Putting the pieces together* (Computer Software). Houston, TX: UHCL.

A multimedia CD-ROM of teaching techniques for in-service and pre-service teachers, written in Macromedia's Director. Awarded "Best Instructional Innovation of the Year" prize at the 1997 SITE conference in Orlando, FL. I was executive producer.

Bilstein, R., Strong, T., & Kidney, G. (1995). *Airways, airlines, and global air travel* (Computer Software). Houston, TX: UHCL.

A multimedia CD-ROM of the history of civil aviation, written in Macromedia's Director. Selected to the Hall of Fame at the 1996 New Media Center Director's Conference in Ann Arbor, MI. I was executive producer.

Robinson, R., & Kidney, G. (1989). *National parks* (Computer Software). Minneapolis, MN: Minnesota Educational Computing Consortium.

A geographic review of national park locations and their geological features. I was the programmer of the software written in Asymetrix's ToolBook for Microsoft Windows.

Rice University. (2009). *Teaching with Technology*.

A faculty professional development DVD highlighting six technology-focused instructional transformations.

University of Maryland University College. (2006). *Better Opportunities through Online Education*.

A marketing CD for a non-profit organization providing scholarships for online education.

University of Maryland University College. (2006). *Homeland Security*.

A marketing CD for UMUC's homeland security program.

Goucher, B., & Kidney, G. (2005). *Breaking down barriers*.

A DVD presentation, shown at UHCL's Convocation 2005, that emphasizes the importance of overcoming barriers such as disabilities, prejudices, and misinformation at a diverse university.

Kidney, G. (2003). *Digital kibbles 'n' bits*.

A magazine-format DVD showcasing digital video shorts. A finalist at the 2003 Gulf Coast Film and Video Festival, September 19-21, 2003.

Kidney, G. (2003). *Digital storytelling*.

A DVD discussing the history and value of digital storytelling and its use in teaching. I was also scriptwriter, camera operator, editor, and director.

Kidney, G. (2003). *Wireless technologies at UHCL*.

A DVD produced to launch campus efforts to build ubiquitous wireless networking. I was also editor and director.

Kidney, G. (2003). *Shy boy: A poem by Thomas Swiss*.

A DVD dramatizing the Thomas Swiss poem "Shy Boy" produced in assistance with an Eighth-grade class at Space Center Intermediate School.

Goucher, B., & Kidney, G. (2003). *Strengths and Challenges*

A videotape presentation, shown at UHCL's Convocation 2003, emphasizing the importance of student opinions in improving the university.

Goucher, B., & Kidney, G. (2002). *UHCL's best kept secrets*.

A videotape presentation, shown at UHCL's Convocation 2002, emphasizing the various roles and people that it takes to make a university operate and how we are interdependent upon each other for success.

Goucher, B., & Kidney, G. (2001). *UHCL: Beyond the bayou*.

A videotape presentation, shown at UHCL's Convocation 2001, emphasizing the involvement of UHCL and its staff in the community and focusing on volunteer efforts and research impact.

Goucher, B., & Kidney, G. (2000). *UHCL: Past, present, and future*.

A videotape presentation, shown at UHCL's Convocation 2000 and as part of the university's 25th anniversary celebration and providing a retrospective of the university's accomplishments, its current state, and future potentials.

Kidney, G., & Strong, T. (1995). *Instructional technology centers*.

A videotape presentation shown to the UH—System Board of Regents as part of the Interactive Education Task Force final report to emphasize the importance of support for faculty in using technology in their teaching and to encourage campuses to create an instructional technology center to act as a "change agent."

Kidney, G. & Palumbo, D. (1994). *The emerging university: The UH System for tomorrow*.

A videotape presentation shown to the UH—System Board of Regents as part of the Interactive Education Task Force's preliminary report to emphasize the growing importance of distance education to the University of Houston—System institutions.

University of Maryland University College. (2006). *Constitution Day*.

A Web site to support celebration of Constitution Day. Awarded a 2006 UCEA exemplary-curricula support material award. I was Executive Producer.

Kidney, G. (2006). *Clearly Technology*.

A Web site hosting podcasts that inform and educate the UHCL audience on technology services available to them. I was the author, instructional designer, graphic artist, Web developer, media specialist and podcast producer.

Kidney, G. (2003). *The descendents of Jan Kidney*.

Genealogy Web site for the Kidney family. Awarded the 2003-2004 Golden Web Award from the International Association of Webmasters and Designers.

Crawford, C., & Kidney, G. (2003). *INST-6037: Advanced technology applications*.

Graduate elective in the Instructional Technology Master of Science program that teaches the use of Desktop Publishing, Graphics, Animation, Web Mastering, and Digital Storytelling. I was the author of the Web Mastering and Digital Storytelling modules.

Kidney, G. (2003). *INST-5735: Advanced Web development*.

Graduate elective in the Instructional Technology Master of Science program that teaches the use of Cascading Style Sheets, Visual BASIC Script, Active Server Pages, ASP.NET and Active Database Objects in the design and development of advanced, interactive Web pages. I was the author, instructional designer, graphic artist, Web developer, and media specialist.

Kidney, G. (2002). *INST-5835: Digital video production for educators and trainers*.

Graduate elective in the Instructional Technology Master of Science program that teaches video from concept inception through shooting, lighting, and editing to delivery as video, multimedia, or a streaming Web clips. I was the author, instructional designer, graphic artist, Web developer, and media specialist. Awarded the 2002-2003 Golden Web Award from the International Association of Webmasters and Designers.

Kidney, G. (1998). *INST-5635: Web design and development*.

Graduate elective in the Instructional Technology Master of Science program that teaches the use of HTML, JavaScript, and Dynamic HTML in the design and development of instructional Web pages. I was the author, instructional designer, graphic artist, Web developer, and media specialist. Awarded "Exemplary Online Course for 2000" by researchers David Graf and Maisie Caines for WebCT.

Kidney, G. (1999). *INST-4635: Web development*.

Undergraduate course in Instructional Technology for teacher and trainer candidates that teaches the use of HTML, JavaScript, and Dynamic HTML in the design and development of instructional Web pages. I was the author, instructional designer, graphic artist, Web developer, and media specialist.

Kidney, G. (1995). *INST-5535: Internet fundamentals*.

Graduate elective class in the Instructional Technology Master's of Science program that teaches the use of the Internet, provides experiences in the Internet's various tool sets and search engines, and experience with integrating Internet activities into the classroom. I was the author, instructional designer, graphic artist, Web developer, and media specialist. This course was named to the "top 5% of education sites on the Web" in 1996. This site is no longer online.

Kidney, G. (1993). *UHCL Web site*.

University Web site representing a 3rd generation design and DHTML implementation. I was the designer and Webmaster. This site is no longer online. It was replaced with a portal implementation.

National and International Conferences:

- Kidney, G. & Serakiotou, N. (2010, Oct). *Against all odds: A case study of ITIL adoption at Rice University*. Concurrent session at EDUCAUSE 10, Anaheim, CA.
- Kidney G., (2010, Oct). *Cloud Computing*. Invited panelist at concurrent session at EDUCAUSE 10, Anaheim, CA.
- Kidney, G. (2009, Oct). *Just a spoonful of SUG@R gets research computing done*. Concurrent session at EDUCAUSE 09, Denver, CO.
- Cook, R. G., Hirumi, A., Crawford, C. M., Driskell, T., & Kidney, G. (1999, Oct). *Putting IT down on paper: Blueprinting instructional design for online courseware - one development team's journal*. Paper presented at the meeting of the Association for the Advancement of Computing in Education's (AAACE) WebNet 1999: World Conference on the World Wide Web and Internet in Honolulu, HI.
- Kidney, G., *Airways, airlines, and global air travel*. (1996, June). Poster session at New Media Consortium Conference, Ann Arbor, MI.
- Kidney, G., & Cavalier, J. (1984, Oct). *Approaches to Evaluating Microcomputer Hardware and Software* at the annual League of Innovation in the Community College conference, Dallas, TX.

Regional, State, and Local Conferences:

- Kidney, G. (2011, February). *Understanding users and transforming IT to deliver*. Concurrent Session at EDUCAUSE W/SW '11, Austin, TX.
- Kidney, G. (2010, Sept). *Executive Panel and Smarter Education Panel*. Invited panelist at IBM Austin Smarter Planet Community Event, Austin, TX.
- Kidney, G. (2010, February). *Evolving Academic Computing Offerings: A Successful Strategy*. Concurrent session at EDUCAUSE SW 10, Austin, TX.
- Kidney, G. (2009, February). *Applications of virtualization and automation*. Concurrent session at EDUCAUSE SW 09, San Antonio, TX.
- Kidney, G. (2003, July). *Best practices in Web-based instruction and how librarians can support them*. Invited presentation at the 2003 Summer Workshop for Distance Learning Librarians, The Woodlands, TX.
- Kidney, G. (2003, June). *Digital storytelling*. Invited presentation at the annual Greater Houston Writing Project conference, Houston, TX.
- Kidney, G. (2003, May). *Digital storytelling*. Closing keynote presentation at the annual Campusnet On-line Workshop for US-System faculty, Houston, TX.
- Kidney, G. (2003, May). *What does a good Web-course look like?* Opening keynote presentation at the annual Campusnet On-line Workshop for US-System faculty, Houston, TX.
- Kidney, G. (2003, May). *Emerging technologies at UHCL: Wireless and beyond*. Keynote presentation at Tech-Know Day for UHCL faculty and staff, Houston, TX.
- Kidney, G. (2003, January). *Best practices in Web-based instruction*. Keynote presentation at the annual Campusnet On-line Workshop Reunion for US-System faculty, Houston, TX.
- Kidney, G., & Henry, A. (2001, January). *Graphics without a graphic artist*. Concurrent session at the annual Campusnet On-line Workshop Reunion for US-System faculty, Houston, TX.
- Kidney, G. (2000, May). *Evaluation of Web-based instruction*. Keynote presentation at the annual Campusnet On-line Workshop for US-System faculty, Houston, TX.
- Kidney, G. (2000, January). *On-line interactivity in Web-based instruction*. Keynote presentation at the annual CampusNet On-line Workshop Reunion for US-System faculty, Houston, TX.

Regional, State, and Local Conferences (Continued):

- Kidney, G. (2000, May). *An instructional design paradigm for Web-based instruction*. Concurrent session at the annual Campusnet On-line Workshop for UH-System faculty, Houston, TX.
- Kidney, G. (1998, March). *Designing courses for Web-based instruction*. Invited presentation at the annual Enron Symposium for Teaching Excellence, Houston, TX.
- Kidney, G. (1996, March). *Teaching on the Internet*. Invited presentation at the annual Enron Symposium for Teaching Excellence, Houston, TX.
- Conference Host for the 1992 California Educational Computing Conference.
- Kidney, G. (1991, August). *Developing a long range academic computing plan*. Invited presentation at the annual California Association of Directors of Academic Computing conference, Long Beach, CA.
- Kidney, G. (1991, October). *Networking a college campus*. Invited concurrent presentation at the annual California CIO Systems Officers Association conference, San Diego, CA.
- Kidney, G., & Cody, B. (1990, August). *Staffing computer laboratories*. Invited panel discussion at the annual California Association of Directors of Academic Computing conference. Lake Tahoe, CA.
- Kidney, G. (1986, April). *Educational computing at the crossroads*. Concurrent session at the annual Arizona Community College Computer Consortium conference, Phoenix, AZ.
- Kidney, G. (1985, October). *The business of computing*. Concurrent presentation at the annual Arizona Computer Users in Education conference, Phoenix, AZ.
- Kidney, G. (1983, October). *Modem-Based Education*. Concurrent presentation at the annual Arizona Computer Users in Education conference, Phoenix, AZ.

- Senior Research Personnel. (2010). NIH HEI Grant. "Computational Biology Cluster for \$1,500,000.
- Senior Research Personnel. (2010). NSF MRI Grant Program. "Acquisition of Data Analysis and Visualization Cyber-Infrastructure for Computational Science and Engineering Applications" for \$2,900,000.
- Senior Research Personnel. (2010). IBM Shared University Grant. "BlueBioU - Rice-IBM-Texas Medical Center Alliance" for \$7,600,000.
- Co-Principal Investigator. (2002). Texas Infrastructure Fund Grant. "Student services at a distance" for \$153,119.
- Principal Investigator. (2001). Texas Infrastructure Fund Grant. "A robust infrastructure for distance learning" for \$159,352.
- Principal Investigator. (2000). 3 IBM Total Quality Management Grants ("Improving student computing lab processes" for \$40,000, "Creating a wireless laptop computing facility" for \$176,000, and "Creating a Computer Collaboration Classroom" for \$67,000).
- Principal Investigator. (1999). 2 IBM Total Quality Management Grants ("Creating a new student computing Laboratory" for \$170,000 & "Improving student computing laboratories, Part 2." for \$350,000).
- Principal Investigator. (1998). 2 IBM Total Quality Management Grants: ("Creating the classroom of the future" for \$500,000) and "Expanding digital video capabilities" for \$12,000.
- Principal Investigator. (1988). SURANET Grant. "Community colleges on the Internet." \$350,000.

Courses Taught:

- “Technology for Distance Education” (OMDE-603) at UMUC, Spring 2007.
- “Advanced Web Development” (INST-5735) at UHCL, each semester from 2000 to 2006.
- “Digital Video Production for Educators and Trainers” (INST-5835) at UHCL, once per year from 2000 to 2006.
- “Web Design and Development” (INST-5635) at UHCL, each semester from 1998 to 2006.
- “Applications of Technology” (INST-6031) at UHCL, Summer 2003.
- “Creating Digital Resources” (INST-5035) at UHCL, Spring 2003.
- “Internet for Managers” (ISAM-5337) at UHCL, Spring 2003.
- “Interactive Distance Education” (INST-6437) at UHCL, Fall 2003.
- “Internet Fundamentals” (INST-5535) at UHCL, every semester from 1995 to 1998.
- “Advanced Digital Video” (CUIN-8305) at University of Houston, Summer 1999.
- “Introduction to Computer Science” at Santa Monica College from 1990 to 1992.
- “Programming in BASIC” at the Maricopa Technical Institute from 1983 to 1985.

Courses Developed:

- “Advanced Technology Applications” (INST-6037) with Dr. Caroline Crawford.
- “Advanced Web Design and Development” (INST-5735).
- “Digital Video Production for Educators and Trainers” (INST-5835).
- “Web Design and Development” (INST-5635).
- “Internet Fundamentals” (INST-5535).

Teaching Delivery Methods:

Face-to-face, instructional television, online course, blended and hybrid learning, podcasting, social networking, Second Life.

- Listed, *Who's Who in the West*, 23rd Edition.
- Proposal Reader and Evaluator, EDUCAUSE W/SW 2011.
- Evaluator, Hewlett-Packard EdTech Innovator Award 2010.
- Member, Provost's Classroom Task Force at Rice University, 2008 - Current.
- Member, Information Technology Advisory Com. at Rice University, 2007 - Current.
- Chair, Committee on Educational Technology at Rice University, 2009 - Current.
- Member, E-Learning Committee at Rice University, 2009 - Current.
- Member, Data Security Task Force at Rice University, 2010 - 2011
- Member, Academic Technology Steering Com. at UMUC, 2006-2007.
- Chair, Creating Community Com. at UMUC, 2006-2007
- Member, Computer Services Advisory Council at UHCL, 1991- 2005.
- Member, Library, Research, and Computing Committee at UHCL, 1991- 2005.
- Institutional Member, EDUCAUSE, 1991 - Current
- Member, New Media Consortium (NMC), 1998 - Current.
- President, California Association of Directors of Academic Computing, 1992
- Vice Pres., California Association of Directors of Academic Computing, 1990 - 1991
- Board Member, California Educational Computing Consortium, 1990 - 1992
- Conference Host and Chair, Western Educational Computing Consortium, 1992

- “Michael Pearlman Memorial Award” in 2010 from Rice University for “extraordinary and exemplary service through improvements and innovation in the computing environments and infrastructure”.
- “Exemplary Curricular Support Materials” in 2006 from the University Continuing Education Association, Mid-Atlantic Region, for *Constitution Day* Website.
- “Exemplary Broadcast Media” in 2006 from the University Continuing Education Association, Mid-Atlantic Region, for *Homeland Security*.
- “Exemplary Broadcast Media” in 2006 from the University Continuing Education Association, Mid-Atlantic Region, for *Better Opportunities through Online Education*.
- “Library Instruction Project of the Year” in 2005 from the Texas Library Association for *Online Library Research Skills*.
- “Golden Web” Award in 2004 from the International Association of Web Masters and Designers for the design of *The Descendants of Jan Kidney*.
- “Finalist” at the 2003 Gulf Coast Film and Video Festival in Nassau Bay, TX, for *Digital Kibbles ‘n’ Bits*.
- “Golden Web” Award in 2002 from the International Association of Web Masters and Designers for the design of *INST-5735: Advanced Web Development*.
- “Exemplary Online Course” award for 2000 from WebCT for *INST-5635: Web Design and Development*.
- “Most Promising Software” prize at the 1998 Neurosciences Conference in Los Angeles, CA, for *Animated Synapses and Visualizing Brain Anatomy*.
- “Best Instructional Innovation of the Year” prize at the 1997 SITE conference in Orlando, FL, for *Teaching Students with Behavior Disorders: Putting the Pieces Together*.
- “Top 5% of Web Sites for Education” award in 1996 for *INST-5535: Internet Fundamentals*.
- “Hall of Fame” award at the 1996 New Media Center Director’s Conference in Ann Arbor, MI, for *Airways, Airlines, and Global Air Travel*.