

Curriculum Vitae

Peter B. Seel

Addresses Department of Journalism and Technical Communication
Colorado State University
Clark Building C-225 1837 Scarborough Drive
Fort Collins, CO 80523-1785 Fort Collins, CO 80526
(970) 491-2030 (970) 484-7062
Internet: pete.seel@colostate.edu

Education **Indiana University**
Ph.D. in Mass Communication (1995)
Major Field: new communication technologies
Dissertation Topic: High-definition television and United States
telecommunication policy

San Francisco State University
M.A. in Educational Technology (1979)
Major Field: instructional media production and instructional
design.

San Francisco Art Institute
B.F.A. in Photography (1975)

Experience **Colorado State University**
Department of Journalism and Technical Communication
Associate Professor -- Television Production, New Communication
Technologies and Society 2000-present
Assistant Professor 1996-2000

San Francisco State University
Broadcast and Electronic Communication Arts Department
Assistant Professor -- Television Production, New Communication
Technologies 1994-1996

Indiana University, Bloomington
Department of Telecommunications
Associate Instructor -- Television Production 1991-1994
Research Fellow, WTIU-TV 1992-1993

Sutter Health, Sacramento, California
Department of Education and Organization Development
Senior Media Producer 1986-1990

Catholic Healthcare West, Sacramento, California
Department of Staff Development
Audio-Visual Specialist 1980-1985

San Francisco State University, San Francisco, California
University Audio-Visual Center
Television Production Specialist 1979-1980

Omnimedia, San Francisco, California,
Media Producer 1977-1979

United States Air Force, Denver, Colorado -- Saigon, Vietnam
Photojournalist/ Combat Photographer 1968- 1971

Research Interests

New communication technologies and related telecommunication policy
Use of communication technology in online education
High-definition television -- development and diffusion
Television production technology
Computer-mediated visual communication

Books Published

Dupagne, M., & Seel, P. B. (1998). *High-definition television: A global perspective*. Ames: Iowa State University Press.

Seel, P. B., & Grant, A. E. (Eds.). (1997). *Broadcast technology update: Production and transmission*. Boston: Focal Press.

Other Publications

Dupagne, M. & Seel, P. B. (2006). Digital television. In A. E. Grant & J. H. Meadows (Eds.), *Communication technology update* (10th ed.) (pp. 49-69). Boston: Focal Press.

Switzer, J., Seel, P., & Kaminski, K. (2006). Deconstructing videotaped instruction for online delivery: Instructional design in reverse. *Interactive Educational Multimedia*, 12, 72-83.

Seel, P. B. (2004). Entries on HDTV, Gerald Levin, and Don Ohlmeyer. In H. Newcomb (Ed.), *Encyclopedia of television* (2nd ed.). London: Fitzroy Dearborn.

Kaminski, K., Seel, P., & Cullen, K. (2003). Technology literate students? Results from a survey. *Educause Quarterly*, 26 (3), 34-40.

Seel, P. B. (2003). Who wants DTV? *Journal of Broadcasting and Electronic Media*, 47 (1), 149-152.

Seel, P. B., & Dupagne, M. (2002). Digital television. In A. E. Grant & J. H. Meadows (Eds.), *Communication technology update* (8th ed.) (pp. 105-121). Boston: Focal Press.

Seel, P. B., & Dupagne, M. (2000). Advanced television. In A. E. Grant & J. H. Meadows (Eds.), *Communication technology update* (7th ed.) (pp. 75-88). Boston: Focal Press.

Seel P. B. (1999). The path from analog HDTV to DTV in Japan. In D. Gerbarg (Ed.), *The economics, technology and content of digital TV* (pp. 275-285). Boston: Kluwer.

Seel, P. B., & Dupagne, M. (1998). Advanced television. In A. E. Grant & J. H. Meadows (Eds.), *Communication technology update* (6th ed.) (pp. 64-78). Boston: Focal Press.

Seel, P. B., (1998). The path from analog HDTV to DTV in Japan, *Prometheus*, 16, 209-216.

Seel, P. B. (1998). Telecommunication digital services. In C. H. Sterling (Ed.), *Focal encyclopedia of electronic media* [CD-ROM]. Boston: Focal Press.

Seel, P. B. (1998). High-definition television. In C. H. Sterling (Ed.), *Focal encyclopedia of electronic media* [CD-ROM]. Boston: Focal Press.

Seel, P. B. (1996). High-definition and advanced television. In A. E. Grant (Ed.), *Communication technology update* (5th ed.) (pp. 101-113). Boston: Focal Press.

Seel, P. B. (1993). *Television wars: The local effects of competition between multinational telecommunications corporations*. Monograph published by the Indiana Center on Global Change and World Peace, Bloomington, Indiana.

Grants

Online Interdisciplinary Studies Program in Information Science & Technology. (2002-2004). \$232,000 from the Colorado Institute of Technology to develop and deliver nine information technology online courses to distant students in the state of Colorado. Principal investigator and grant writer.

Cutters of Stone project (1995). \$30,000 awarded by the Indiana Historical Society in two grants to complete the television documentary and support distribution. Producer-director-grant writer.

Recent Media Productions

The Education of Bryan Rivera (2006). A documentary about a Guatemalan teenage boy, Bryan Rivera, and his education in a society where formal schooling ends for most at age 12. The production documents his struggle to obtain an education while working to support his family and examines the challenges for secondary education in

Guatemala and other Central American nations. Presently being shown on public television in the United Kingdom. (writer-director-producer).

The Chasm: Bridging the Gap Between Judaism and Christianity (2006). Acted as producer with local director Hanoach Eiron. Assisted in framing the concept for the documentary, then enlisted a team of Colorado State University students to shoot and edit an 18-minute short version of the film. The program has been shown to religious groups of all faiths in the Fort Collins area to improve community Judeo-Christian relations.

The Laptop Project: Taking Small-Scale Science to the Next Level (2005). An instructional video that demonstrates the educational benefits of combining the innovative use of small-scale chemistry techniques with portable laptop computer technology. The video resulted in a \$69,000 grant from the Hewlett-Packard Company to Colorado State University's Center for Science, Mathematics, and Technology Education. (writer-producer).

The Mumbles Portfolio (2004). A digital photographic essay of images of people and institutions in a small Welsh seaside village. (photographer).

Visual Landmarks of the Oregon Trail (2003). A photographic essay of landmarks taken on the trail in six states over a period of three years. (photographer).

Lighting the News (2000). An instructional video on television lighting in field locations. Co-produced with KUSA-TV, Denver, Colorado. The program is being used nationally as a teaching aid in journalism and broadcast education programs. (writer-producer).

The Flood of '97 (1999). A documentary on the Fort Collins flash flood of July 28, 1997. Produced for the Fort Collins Museum as a permanent exhibit. (producer).

The Art of Bronze Sculpture (1998). A documentary about the creation and casting of a unique work of bronze sculpture. (writer-director-editor).

Cutters of Stone (1997). A documentary about Indiana stone cutters and carvers, and their influence on limestone architecture in the United States. Airs annually on multiple Indiana PBS affiliates. Major program funding grant from the Indiana Historical Society. (writer-director-producer).

Honors

Faculty Speaker at Commencement, Semester at Sea, Spring 2006 voyage
Instructional Video Award for *Lighting the News*, Faculty Production
Competition, Broadcast Education Association, 2001
1999 Service-Learning Scholar, Office of Service-Learning and Volunteer
Programs, Colorado State University
Mixed Media Award for *The Art of Bronze Sculpture*, Faculty Production
Competition, Broadcast Education Association, 1999

Documentary Award for *Cutters of Stone*, Faculty Production
Competition, Broadcast Education Association, 1998
Faculty Appreciation Award, College Students in Broadcasting, San
Francisco State University Chapter, 1994
Sheth Dissertation Research Award, Center for Telecommunications
Management, University of Southern California, 1994
Graduate Student Teaching Award, International Communication
Association, 1993
MacArthur Scholar, Indiana Center on Global Change and World
Peace, Indiana University, 1992-1993
Associate Instructor of the Year, 1990-91 and 1991-92, Department of
Telecommunications, Indiana University
Best of West Award, for *The White Water Years*, Association of
Western Hospitals, *Healthcare Forum*, 1988
Graduate Student Distinguished Achievement Award,
San Francisco State University, 1979
Phi Delta Kappa, education honorary society,
San Francisco State University, 1979

Invited Participant

Women's Studies Project on Teaching, Curriculum, and Scholarship,
Colorado State University, Spring 2000.
1999 Faculty Development Internship at KCNC-TV, KMGH-TV, and
KUSA-TV, Denver, Colorado -- awarded by the National Association of
Television Program Executives
1998 Faculty Seminar on the Impact of Media on Children, sponsored by
the International Radio and Television Society, New York
1998 NCTA Academic Program, National Cable Television
Association annual conference, Atlanta, Georgia
1995 Faculty Seminar, Academy of Television Arts and Sciences, North
Hollywood, California
Communications Policy Summer Faculty Seminar, Annenberg
Washington Program, Northwestern University, 1994
Freedom Forum, Columbia University, State of Media Studies
Seminar for doctoral candidates, 1994

Conference Presentations

Seel, P. B. (2007). *The U.S. Transition to Digital Television: The Final Steps*.
Refereed paper presented at the annual meeting of the Association for Education in
Journalism and Mass Communication, Washington, DC.

Seel, P.B. (2007). *Integrating Theory and Hands-On Practice in the Introductory
Visual Communication Course*. Panel presentation with four professors who teach
visual communication in the United States. Visual Communication Conference, Estes
Park, CO.

Seel, P.B. (2006). *Teaching Visual Communication at Sea*. Panel presentation with three faculty alumni of the Semester at Sea program. Visual Communication Conference, Park City, UT.

Seel, P. B. (2005). *The Broadcast Flag: Fair Use Infringement or Valid Copy Protection?* Second place refereed paper presented to the Law and Policy division at the 2005 Broadcast Education Association annual conference, Las Vegas, NV.

Seel, P. B., Switzer, J., & Kaminski, K. (2004). *The Conversion of Videotaped Instruction for Online Delivery to Distance Learners: A Case Study*. First place refereed paper presented to the Courses, Curricula, and Administration division at the 2004 Broadcast Education Association annual conference, Las Vegas, NV.

Pulling it All Together: Developing Innovative Online Courses Across Disciplines. Presentation to the 33rd Annual International Society for Exploring Teaching and Learning conference in October, 2003. Fort Collins, CO.

The Design and Development of Online Technology-Based Courses in Journalism and Technical Communication. Presented to the annual Teaching with Technology Conference in Boulder, CO. June, 2003.

Visual Landmarks of the Oregon Trail. Presented a portfolio of photographs of trail landmarks at the 2002 annual conference of the International Visual Literacy Association in Breckenridge, CO.

The Status of DTV Transmission in the United States. Presentation at the Television in the Digital Environment international conference conducted as part of the 2002 Banff Television Festival, Banff, Alberta, Canada.

The Diffusion of Digital Television in the United States. Presented this paper as part of a panel session on The International Diffusion of Digital Television at the 2002 Broadcast Education Association Conference in Las Vegas, NV.

The Aesthetics of Lighting for Television Field Production. Delivered this presentation at the Visual Communication Conference in Portland, OR in June 2001. Showed and critiqued the instructional video *Lighting the News* (2000) at this session.

Planned and presented in a panel session on new technology for television lighting at the 2001 Broadcast Education Association Conference in Las Vegas, NV. Showed the instructional video *Lighting the News* as part of a presentation on new ENG lighting technology at this session.

Computer-Assisted Learning at Colorado State University. Planned this program and delivered a presentation as part of this session at the annual Professional Development Institute in January 2001. Other panelists were from Academic Computing and Networking Services, the Office of Instructional Services, The College of Business, and Morgan Library.

Seel, P. B. (2000). *Widescreen TV: Aesthetic implications of the transition to widescreen aspect ratios in United States digital television broadcasting*. First-place refereed paper presented to the Production, Aesthetics, and Criticism division of the Broadcast Education Association at the annual meeting in Las Vegas, NV.

Producing long-form documentary programs. Presented as part of a panel session on “Producing content: Content and technology issues in product-oriented video production courses” at the 2000 Broadcast Education Association annual meeting in Las Vegas, NV.

Organized and moderated a panel session on *Best video production exercises: News Packages* for the Production, Aesthetics, and Criticism division at the 2000 Broadcast Education Association conference, Las Vegas, NV.

Interning at three network affiliate television stations. Presented as part of a panel session on “What I did on my summer vacation: The curricular value of the National Association of Television Programming Executives summer faculty development grants” at the 2000 Broadcast Education Association annual meeting in Las Vegas, NV.

Student use of PowerPoint as a teaching tool in a new media technology course. Presented as part of a panel session on “Computers in education: Faculty uses and justifications in college classrooms” at the 2000 Mid-year Research Conference sponsored by the Graduate Education Interest Group of the Association for Education in Journalism and Mass Communication at the University of Colorado, Boulder, April 15, 2000.

Planned and hosted the *Media at the Millennium* mid-year conference as chair of the Communication Technology and Policy division of the Association for Education in Journalism and Mass Communication in Denver, CO, February 25-26, 2000.

Seel, P. B. (1999). *A comparative study of Internet Page legibility on WebTV and PC-TV large-screen displays*. Refereed paper presented to the Visual Communication division at the annual meeting of the Association for Education in Journalism and Mass Communication, New Orleans, LA.

Seel, P. B. (1999). *DTV via cable: Technical policy issues regarding the retransmission of digital television signals by the U.S. cable industry*. Refereed second place paper presented to the Communication Technology division at the annual meeting of the Broadcast Education Association, Las Vegas, NV.

Seel, P. B. (1999). *Producing video programs for not-for-profit organizations*. Presentation to the Courses, Curricula, and Administration division at the annual meeting of the Broadcast Education Association, Las Vegas, NV.

Seel, P. B. (1999). *The advent of digital television*. Presentation in the Law and Policy division session on *Law and policy in the digital age* at the annual meeting of the Broadcast Education Association, Las Vegas, NV.

Seel, P. B. (1998). *DTV and the cable industry in the United States*. Presentation to the Communication Technology and Policy division at the annual meeting of the Association for Education in Journalism and Mass Communication, Baltimore, MD.

Seel, P. B. (1998). *The use of historic photographs and archival film footage in the production of the documentary 'Cutters of Stone.'* Presentation given to the Visual Communication Conference, Winter Park, CO.

Seel, P. B. (1997). *The transition from analog HDTV to DTV in Japan*. Invited paper presented to a conference on The Future of Digital Television at the Columbia University School of Business, New York.

Seel, P. B. (1997). *Conflict and resolution at the FCC: Computer industry opposition to the proposed national HDTV standard*. Refereed paper presented to the Communication Technology and Policy division at the annual meeting of the Association for Education in Journalism and Mass Communication, Chicago, IL.

Seel, P. B. (1997). *HDTV policymaking in the United States*. Refereed paper presented as part of a panel on High-Definition Television at the International Communication Association annual meeting, Montreal, Quebec, Canada.

Seel, P. B. (1997). *Global advanced television production*. Refereed paper presented at the annual meeting of the Broadcast Education Association, Las Vegas, NV. Top faculty paper in the Production Aesthetics & Criticism division for 1997.

Seel, P. B. (1996). *The Pacific Bell Media Park technology trial*. Panel organized and presented to the Communication Technology and Policy division at the annual meeting of the Association for Education in Journalism and Mass Communication, Anaheim, CA.

Seel, P. B. (1995). *An alternative model for the study of international telecommunications regulation: A case study of HDTV in Japan, the United States, and the European Union*. Refereed paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication, Washington, DC. Top-three faculty paper in the Communication Technology and Policy division.

Seel, P. B. (1995). *Media convergence and the formation of the HDTV Grand Alliance*. Refereed paper presented at the annual meeting of the Broadcast Education Association, Las Vegas, NV. Top paper in the Communication Technology division.

Seel, P. B. (1994). *Looking at the tribe: Contemporary views of Native American culture*. Refereed paper presented at the annual meeting of the Popular Culture Association, Chicago, IL.

Seel, P. B. (1993). *Communicating about policy: The Federal Communications Commission and high-definition television*. Refereed paper presented at the annual meeting of the Association for Education in Journalism and Mass Communication, Kansas City, MO. Top student paper in the Communication Technology and Policy Interest Group.

Seel, P. B. (1993). *Television wars: The local effects of competition between multinational telecommunications corporations*. Invited MacArthur Fellowship paper presented to the Indiana University International Council and the Indiana Center on Global Change and World Peace, May 1993.

Seel, P. B. (1993). *Hollywood goes to China: Gender stereotypes of Chinese characters in leading roles*. Refereed paper presented as part of a panel on Hollywood stereotypes of Third World nations, International Communication Association annual meeting, Washington, DC.

Advanced Digital Non-Linear Video Editing Systems. Planned and moderated this session at the International Television Association conference, Phoenix, AZ, June 1993.

Seel, P. B. (1992). *The high-stakes game of high-definition television*. Refereed paper presented to the annual meeting of the Association for Education in Journalism and Mass Communication, Montreal, Quebec.

University and Professional Service

Co-chair, Education Advisory Committee, university Information Science and Technology Center (ISTeC). Also served on the ISTeC Executive Committee. 2003-2006. Assisted in planning the mission and objectives for the new Information Science and Technology Center.

Coordinator and Advisor, university Interdisciplinary Studies Program in Information Science and Technology. 2001-2006. Managed the on-campus program and coordinated course offerings with four department chairs and participating faculty. Advised all students in the program and awarded certificates of completion.

Dean of Libraries Search Committee, Colorado State University, 2002.

Colorado State University representative on technology curriculum development at the 2001 Faculty-to-Faculty Curriculum Conference for the Colorado Commission on Higher Education, Denver, Colorado. Assisted in setting statewide standards for technology education in Colorado colleges and universities.

Chair Search Committee, Department of Journalism and Technical Communication, 2000-2001. Assisted in the successful search for new Chair Garrett O'Keefe.

Library of the Future Task Force, Colorado State University, 2000-2001. Served on a university committee planning the expansion of electronic library services.

Head of the Communication Technology and Policy division of the Association for Education in Journalism and Mass Communication, 1999 - 2000. Managed all division activities including convention session planning, research paper judging, and communication with the division membership.

Newsletter Editor -- Production, Aesthetics & Criticism division, Broadcast Education Association, 1998-2000. Produced and edited six editions of the newsletter over a two year period.

College of Liberal Arts Committee, Colorado State University, 1998-2000. Assisted in the promotion and evaluation of proposals for First-Year Seminars offered by the college.

1998 Annual Conference Coordinator for the Visual Communication Association, Winter Park, Colorado. Planned and coordinated the conference with two others.

Memberships

Association for Education in Journalism and Mass Communication

Broadcast Education Association

International Visual Literacy Association

Fort Collins Public Access Network (FC PAN), board of directors

The Rolland Moore West Neighborhood Network, co-chair

Vita 2006