

Satellite Communications and I

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Photo of Ms. Megan Schiedt

Although my educational background was the study of history, I became interested in the aerospace industry and issues related to aerospace when I was hired by the American Institute of Aeronautics and Astronautics (AIAA) in 1994. AIAA is the largest technical society for aerospace professionals in the United States, devoted to the progress of science and engineering in both aviation and space.

When I first started working at AIAA, I served as the editor for the *AIAA Bulletin*. The Bulletin is part of the monthly *Aerospace America* magazine and contains information of interest to AIAA members. This information includes news articles about members, sections, special events, and new initiatives of the Institute. In addition,

general and technical program information about AIAA conferences and events appears in the *AIAA Bulletin*.

As the *AIAA Bulletin* editor, I wrote and edited articles, worked with conference organizing committees to collect program information, and designed the layout of each issue. During this professional experience, I learned a great deal about the variety of activities, products, and services provided by AIAA to its members.

After working on the Bulletin for one year, I worked as the production editor of *Aerospace America* for two years. For science and engineering, the aerospace industry turns first to *Aerospace America*. Its feature writers and correspondents cover the engineers, scientists, and technologists developing the critical research and directing many of the world's most important aerospace-related projects. Every month, this magazine offers compelling features on design, electronics, materials, computer applications, science, and policy that affect aviation, space, and defense.

As the production editor for *Aerospace America*, I worked with authors, editors, and designers of the magazine on the production and design of each issue. My biggest

challenge while working in this position was organizing the December “Year in Review” issue, in which AIAA technical committees write articles describing their work over the course of the previous year. Working on the magazine taught me about the aerospace industry and the technical disciplines represented within the AIAA membership.

Following my time working on the magazine, I served as the managing editor of the AIAA books publishing program for two years. AIAA publishes a collection of archival texts that document the latest research in aeronautics and astronautics, a series of college-level textbooks, and a selection of general-interest books that focus on aerospace topics.



Famous Web Site of AIAA

The AIAA Education Series is a distinguished series of textbooks written by expert engineering professionals and professors who know how to organize and present materials for the classroom. The Progress in Astronautics and Aeronautics is an acclaimed archival series that began in 1960 to document the rapid technological advances in aerospace and related fields.

AIAA is also the source for general-interest aerospace publications, which cover the range from sources of professional development to historical texts. In addition, AIAA Case Studies are written by aerospace designers and provide real-world accounts of the procurement, design, manufacturing, and testing of aircraft and spacecraft.

As the managing editor for the AIAA books program, I performed financial tracking of the revenues and expenses of book publications. In addition, I managed the editorial/production process for a variety of books including the *International Reference Guide to Space Launch Systems, Third Edition*. This best-selling reference guide contains the most reliable and comprehensive material on launch programs in Brazil, China, Europe, India, Israel, Japan, Russia, Ukraine, and the United States. With many illustrations and figures, the third edition was an extensive update, and offers a quick and easy data retrieval source for policymakers, planners, engineers, launch buyers, and students.

For the past two years, I have worked in the marketing department of AIAA. As a marketer, I work on the World Space Congress • 2002 (WSC • 2002) and the AIAA web site.

WSC • 2002 marks a new era of achievement and builds on the historic concept launched ten years ago when it was described as the most significant gathering of space professionals. From 10–19 October 2002 in Houston, Texas, the Congress will show the world what space can do to improve life on Earth and highlight the incredible advancements and business possibilities on the horizon.



Campaign of WSC2002 with AIAA Staffs

The WSC • 2002 combines the 34th Scientific Assembly of the Committee on Space Research (COSPAR) and the 53rd International Astronautical Congress of the International Astronautical Federation (IAF), International Academy of Astronautics (IAA), and International Institute of Space Law (IISL).

With an unparalleled breadth of activity and scope, The WSC • 2002 will feature over 4000 technical and scientific research papers, showcase more than 40

concurrent daily sessions and general interest plenary tracks, and include over 1000 scientific posters.

The Congress will cover a wide range of space topics within Science, Technology, Infrastructure, Missions, Legal & Policy, Business & Applications, and Education & History. Special plenary themes will examine four critical areas of interest: International Space Station Utilization, Space Commercial Applications for Other Industries, Life Sciences and Biomedicine, and a Vision for the Next 25 Years of Scientific Investigations in Space.

See you at Houston in the coming October.