

1995 E Coalton Road #31-302
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phil@philsmith.us
www.philsmith.us

Phil Smith

Adding Form to Vision



Who am I?

Fine artist, futurist, historian, imagineer, analyst, writer. All of these things describe how I live, work and play. I love combining passion with reason, emotion with intellect. I am at my best when navigating the dynamic space between the communicative power of the arts and the rational domain of science and engineering.

We have evolved from the Agrarian Era to the Industrial Era to the Information Era. Now we live during the Integration Era when societies and technologies blend and communication becomes more critical than ever before. It's an exciting time to live, especially for the creatively endowed. And our role in this world is more important than ever.

Art and Design Experience

- ∞ Freelance artist specializing in traditional media including graphite, color pencil, markers, acrylic and oil paint, and pastel. Clients include the United States Air Force (USAF), Federal Aviation Administration (FAA), the National Aeronautics and Space Administration (NASA), SpaceWorks Engineering, Space Frontier Foundation and several private collectors.
- ∞ Well-versed on the tools and trade of industrial design, specifically aeronautical and transportation design.
- ∞ Designed and built scale models using plastics, wood, metal and electronic components.
- ∞ Growing experience with digital graphics and publishing tools, including Adobe Photoshop 7.0, Corel Painter IX, Adobe After Effects 6.5, QuarkXPress and Microsoft Publisher.
- ∞ Commissioned to provide graphic design services, specifically logos and branding.
- ∞ Designed web pages using HTML, XML and some Flash media.
 - ∞ www.philsmith.us
 - ∞ <http://nm.humanists.net/>

Space Industry and Futures Thinking Experience

- ∞ Analyzed the space access industry, including historical analysis of orbital and suborbital launch activity, demand- and supply-based market analysis, and analysis of emerging markets including potential impact of aerospacecraft and public space transportation.
- ∞ Investigated and characterized the telecommunications industry, specifically satellite telecommunications as component of the global telecommunications infrastructure. Contributed to detailed demand-based market forecasting for government entities and companies in this industry.
- ∞ Studied the remote sensing industry, specifically satellite remote sensing assets and their contribution to geographic information systems (GIS). Contributed to detailed demand-based market forecasting for government entities and companies in this industry.
- ∞ Conducted research on the potential future of human and robotic activities in space.
- ∞ Developed key components of the commercial segment of the national aerospace architecture for the Department of Defense, including a comprehensive economic impact analysis.
- ∞ Managed several small teams designed to conduct big picture thinking, particularly in terms of linking historical events with a projected future.
- ∞ Forecasted demand- and supply-based markets, including trend analysis, particularly for the aerospace industry.



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Analysis, Research and Communications Experience

- ∞ Conducted rapid turn-around analysis and analytical products related to complex defense, policy, and aerospace matters. Very proficient in Microsoft Office suite.
- ∞ Performed primary source research, including abstract and technical writing.
- ∞ Authored reports (as primary and secondary writer), briefings, speeches, white papers and articles (list available upon request).
- ∞ Contributed to economic impact analyses for the aerospace industry.
- ∞ Delivered many presentations, including research and preparation, particularly for high-level officials in government and industry.
- ∞ Articulated complex technical subjects to non-technical audiences.
- ∞ Studied local policy issues during a campaign for public office, a process that also required knowledge of urban planning and operations, delivery of prepared and unprepared speeches, and attending media events like talk shows. Also managed a small volunteer staff.
- ∞ Conducted interviews for purposes of information gathering.
- ∞ Researched various potential products developed by a hematology instrumentation and clinical controls lab.
- ∞ Worked in an air transportable hospital, specifically on tasks related to industrial hygiene, environmental impact assessments, and medical effects of weapons of mass destruction.
- ∞ Maintained nuclear missiles and related support equipment, and served in Operation Desert Shield/Storm in 1990-1991.

Professional History

Freelance Artist, 1992-present.

Communications Director, Secure World Foundation (Superior, Colorado), 2007-present.

Strategic Services Lead and Artist, SES Consultants, Inc. (Albuquerque, New Mexico), 2006-2007.

Senior Futurist, National Aerospace Development Center (Atlanta, Georgia), 2005 – 2006.

Senior Space Industry Analyst, Futron Corporation (Bethesda, Maryland), 2000 – 2005. Maintained TS/SI/TK clearance.

Defense Policy Analyst, SAIC (Washington, DC), 1999 – 2000. Maintained interim secret clearance.

Graduate Research Assistant, University of North Dakota (Grand Forks, North Dakota), January 1998 – December 1998.

Candidate for Omaha City Council District 6, June 1996 – July 1997.

Research and Development Assistant, Streck Laboratories, Inc. (Omaha, Nebraska), 1993 – 1997.

Bioenvironmental Engineering Technician, United States Air Force Reserve (Offutt AFB, Nebraska), 1992 – 1998.

Air Launched Missile Systems Maintenance Specialist, United States Air Force (Minot AFB, North Dakota), 1987 – 1991.

Education

MS, Space Studies, University of North Dakota, 1998.

BS, Political Science, University of Nebraska, 1996.

Full biography, references, and bibliography available immediately upon request..

