

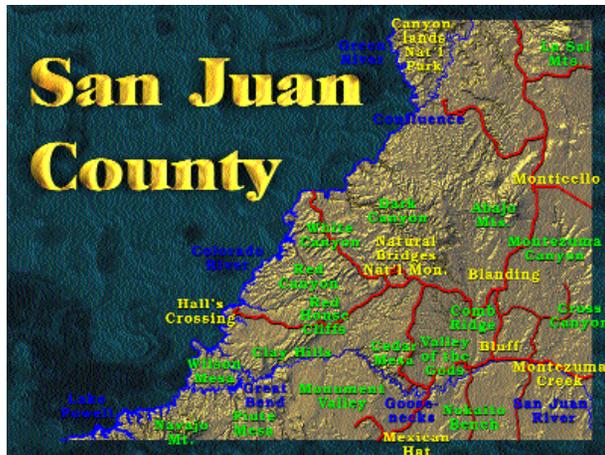
Grand Canyon of the Yellowstone



Professional Artistic Experience:

3D Illustrator, State of Utah Resources Web (SURWEB) County Projects; 1998-2000. Received four grants to create images for interactive Internet projects on the 29 counties of Utah, including photographs, 3D maps, statistical charts, diagrams, and illustrations. Altogether created over 320 digital illustrations and maps and over 440 photographs, including aerial photos.

Poster Designer, National Energy Foundation; 1999-2000. Commissioned to design and write the text for a poster on industrial chemicals (sulfates, nitrates, phosphates, salts) complete with diagrams and lesson plans.

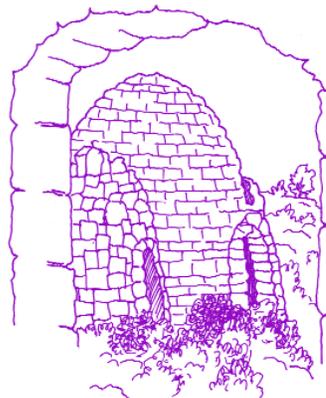
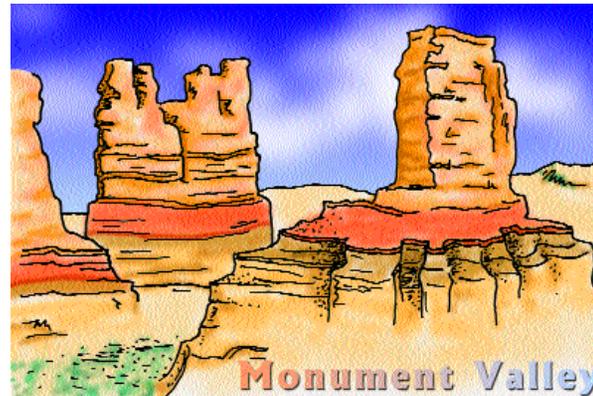


3D Map of San Juan County, Utah

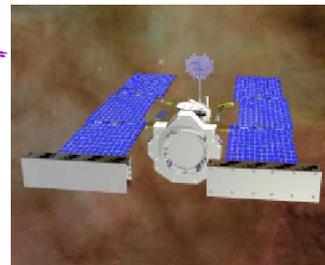


Video Projects, cont.

The Elements Unearthed - a series of 13 videos (each about 25 minutes long) on the various families of chemical elements, with excellent digital graphics, to air on PBS channels. This series will look at how we use the elements in our everyday lives and how they are mined, refined, and manufactured into finished products.



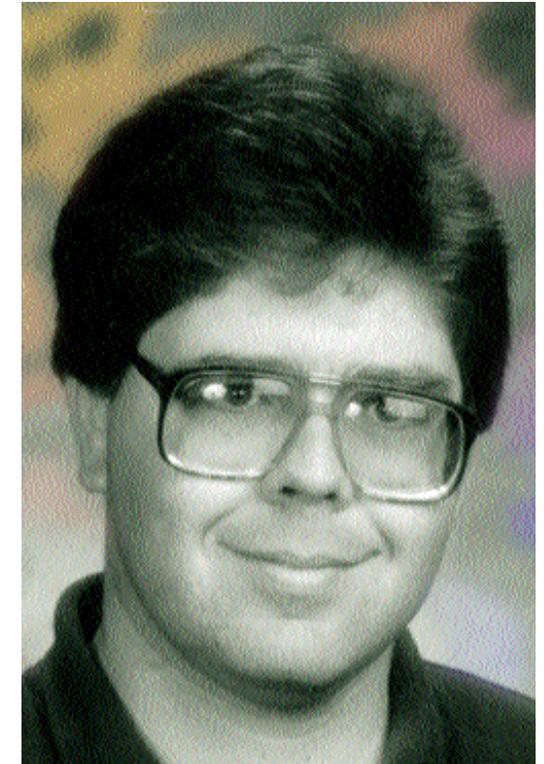
Images on this page:
Illustration of Monument Valley, Drawing of Charcoal Kilns at Frisco, 3D Render of Stardust Probe.



David V. Black

Artist's Resume

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Erehwon, UT 84999
(801) 555-1234



Preferred Media:

-  Pen and Ink Illustration
-  Computer Graphics Software
-  3D Modeling and Animation
-  Multimedia Design
-  Digital Video Production
-  Landscape Photography

Brochure Designer, Conselle LLC; 1999-2000. Laid out brochures and booklets for a national advertising campaign encouraging people to dress up at work. Scanned and arranged clip art, Laid out text, and designed background textures and headings.

Freelance Graphic Artist, Ackley Brothers Masonry and Evergreen Mill & Moulding brochures; 2000-2001. Designed layouts for advertising brochures for several companies in the construction industry, including scanning and cleaning photographs, designing 3D logos and text, etc.

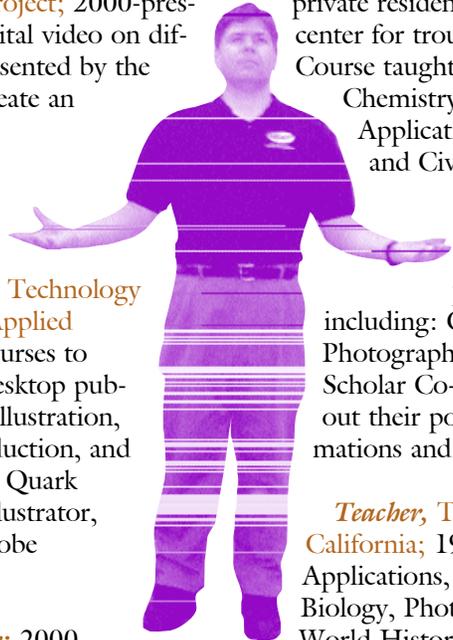
Abstract Art Video/Multimedia Project; 2000-present. Commissioned to produce a digital video on different schools of abstract art as represented by the work of Floyd Cornaby. Will also create an interactive CD-ROM title.

Other Professional Experience:

Instructor, Mountainland Applied Technology College (MATC), Utah College of Applied Technology; 1996-present. Teach courses to adults and high school students in desktop publishing, image manipulation, vector illustration, 3D modeling, animation, video production, and multimedia design. Software taught: Quark XPress, Adobe Photoshop, Adobe Illustrator, Corel Bryce, Ray Dream Studio, Adobe Premiere, and Macromedia Director.

NASA/JPL Solar System Educator; 2000-present. Chosen by NASA as one of 75 educators in the country to present workshops. Attended 5-day training session at the Jet Propulsion Laboratory, and received a grant to conduct inservice workshops for Utah teachers on upcoming space missions. Duties include designing lesson plans, sending advertising flyers, creating multimedia presentations, and presenting workshops. Also attended the launch of the Mars 2001 Odyssey probe at Cape Canaveral Air Station, April, 2001.

NASA Educational Workshops participant; 1998. Chosen by the National Science Teachers Association



to attend a two-week workshop at the Jet Propulsion Laboratory. Designed a photo collage poster for fellow participants and created lesson plans on how image manipulation is used to enhance telescopic images and combining art and science to teach astronomy.

Teacher, Provo Canyon School, Provo, Utah; 1996-2000. Taught high school science and computer courses at a private residential treatment center for troubled youth. Course taught: Astronomy, Chemistry, Earth Science, Geology, Computer Applications, Computer Graphics, Economics, and Civics.

Teacher, Juab High School, Nephi, Utah; 1993-1996. Taught courses at a public high school in science and math, including: Chemistry, Physics, Physical Science, Photography, and Algebra. Also served as Sterling Scholar Co-advisor helping students design and layout their portfolios. Created yearly videos using animations and photos of science activities in the school.

Teacher, Tioga High School; Groveland, California; 1990-1993. Taught Art, Computer Applications, Earth Science, Chemistry, Biology, Photography, and World History at a small start-up high school in the Sierra Nevada Mountains. Helped design yearbook, including cover illustrations and photography.

Personal Projects and Goals:

I plan to create Lazy Bar D Productions to develop a line of interactive CD-ROM games, books, posters, videos, lesson plans, and other educational materials on the physical sciences, including:

CD-ROMs:

3D Model of Marvin the Martian



Mendeleev's Maze - a CD-ROM game modeled on the periodic table of the elements with excellent 3D graphics and challenging puzzles based on the properties of the elements.

Elemental Mentals - a series of games, exercises, and puzzles designed to help teachers review concepts in general chemistry, such as a concentration memory game, tic-tac-toe, element bingo, etc.

GeoUtah - a CD-ROM and posters on the formation, geology, and geography of Utah, based on images and text from the SURWEB site with the panoramic QTVR scenes, diagrams, illustrations, 3D models, etc. I have already created.

Probotica - a CD-ROM on the past, present, and future unmanned exploration of the solar system, with detailed diagrams, animations, and scientific discoveries. This will be distributed to science teachers state wide.

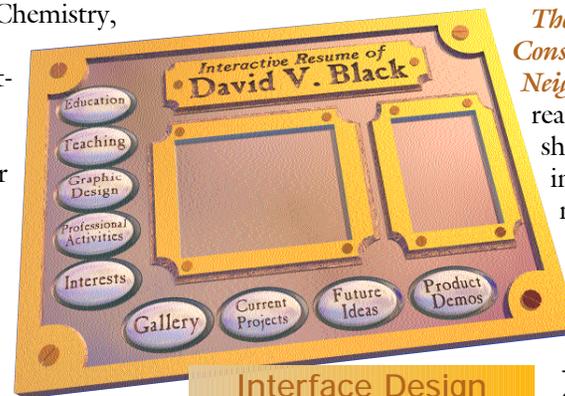
Abstract Art: Ten Steps to Better Understanding - a CD-ROM and video project on the styles of abstract art, their history, practitioners, and examples as demonstrated by the works of Floyd Cornaby.

Books:

The Nearby Stars: A Guide to the Constellations and the Stars in Our Neighborhood - a book of student readings, lesson plans, and worksheets on stellar astronomy including instructions on building a 3d model of the nearby stars.

Videos:

Quantum Quirks: A New Look at the Strange World of Subatomic Forces and Particles - animated characters Boson the Clown and Amedeo Mole guide the viewer through the bizarre world of quantum phenomena at the subatomic level and the standard model of forces and particles.



Interface Design