

Resume/CV

Vicky Borchers, M. Arch

PROFESSIONAL EXPERIENCES

1995-2005 Assoc. Prof. , Interior Architecture & Product Design, Kansas State University

Teaching responsibilities include fourth year design studio, beginning and advanced computer aided design and 3D Modeling, fifth year seminar, and Fourth year Internship Program development.

Served as Project coordinator for 50,000 sf renovation of Seaton East, providing new studio, crit, and faculty offices for the College of Architecture, Planning, and Design.

1993-2002 Consultant to the Furniture Industry

Analysis and cross-functional data integration for The Knoll Group. The project scope was to consolidate four order entry systems into one, merging product data into a single environment supporting order management at the dealer as well as the manufacturer level. The result was a single point of data maintenance that supported four independent site manufacturing systems, a central order entry process for the four sites, and an end user CAD application that created orders.

Working in conjunction with MKS, design of the dealer tools for creating facility drawings and correctly specifying product information. With Herman Miller as the client/user, drafted a design document for software to support design network and internal product nomenclature for ordering parts.

1985 - 1994 .

President/Owner of 3d-ISIS, Ltd. a company formed to develop 3d-FM, CAD furniture management software

Responsible for the application design of 3d-FM. 3d-FM was an AutoCAD third party application that allowed a user to lay out and specify commercial furniture systems in a graphical specification interface. Many of the features and programs adopted by the 3d-FM product were a direct result of and used for design consulting. 3d-FM was used by over 200 facilities planners and designers for doing systems furniture management.

1977-1985 -:

Designer / Facilities Planning Profession

Designer, specifier, space planner, project manager for multiple projects:

Yellow Freight Systems, Inc.

Space planning and furniture management for corporate headquarters-managed furniture procurement, installation in over 100 truck terminals in the 48 contiguous states.

Project Size: Corporate Offices - 92,800sq ft.

Furniture System: Herman Miller AO1 / Steelcase

Texas A&M University

In-house facilities planner; preparation of specs and bid documents, and installation of furniture for buildings on campus. Major projects included:

- Engineering Lab-Offices/Classrooms/Auditoriums/Testing Laboratories

Project Size: 250,000sq ft.

*Furniture System:*Steelcase

- Academic and Agency-Offices/Classrooms/Auditoriums

Project Size- 180,000sq ft.

*Furniture System:*Steelcase

- Intrn'l Goat Center Prairie View A&M - Offices/Labs/Classrooms

Project Size: Offices/ 35,000sq ft.

- Meat Sciences & Technology-Offices/Classrooms/Auditoriums/Retail Outlet/Food Prep

Project Size: 50,000sq ft.

*Furniture System:*Rudd/GF/Fixtures

Kansas City Life Insurance Company

Furniture layout and specification and CAD drawings for facility located in Kansas City. Including 550 offices, cafeteria, and computer center.

*Project Size:*Corporate Offices - 450,000sq ft.

*Furniture System:*Herman Miller

Johnson County Administration Building

Project Management and preparation of furniture spec, bid documents, and CAD drawings. Project Scope included over 650 work stations on 3 floors, cafeteria, meeting rooms.

*Project Size:*200,000sq ft.

*Furniture System:*Haworth

Johnson County Health and Human Services

Project Management and preparation of furniture spec, bid documents, and CAD drawings. Project Scope included 100 work stations for county outreach health care program.

*Project Size:*32,000 sq ft.

*Furniture System:*Knoll

Chinnery Law Offices

Design, project management, and preparation of furniture spec, bid documents, and CAD drawings. Project Scope included expansion and enhancement of office environment.

*Project Size:*28,000 sq ft.

1999

Sprint Worldwide Campus

Oversaw barcoding and inventory of moveable furnishings, fixtures, and equipment for preparing re-location documents to the new sprint campus..

Project Size 42 sites

1998

AlliedSignal

Project management, and resource scheduling. Project Scope moving 2000 associates and manufacturing processes.

*Project Size:*555,000 sq ft

Sprint PCS – Network Operations Control Center

Design, project management, and preparation of furniture spec, bid documents, and CAD drawings. Project Scope included design of anechoic chamber and reconfiguration of office systems.

*Project Size:*32,000 sq ft

TECHNICAL EXPERTISE

Application Design and GUI for 3d-FM - experience with AutoCAD interfaces and AutoLISP.

Data analysis and modeling for furniture industry - development of constraint logic and data structures for the product configuration module of 20-20.

Product classification for the commercial furniture industry and user analysis.
Industry liaison to 20-20 in the development of a product designed for commercial furniture specifiers, dealers, and manufacturers.

Space Planning and design of office systems, incorporating life-safety codes, ADA, and building codes.

Business systems analysis, including manufacturing processes as they pertain to MIS and order entry systems.

Asset Management Analysis and design of graphic and non-graphical data analysis systems.