

Curriculum Vitae

Allan J. Hastings, IDSA, SAE Professor, Department of Interior Architecture

Education

BPA Industrial Design, Transportation Design & Product Design Majors,
Art Center College of Design, Los Angeles, now Pasadena, California. 1963

B. Architecture, Kansas State University, Manhattan, Kansas. 1958

Professional Affiliations

IDSA, Industrial Designers Society of America, Professional Member: 1997 to present.

SAE, Society of Automotive Engineers, Professional Member: 1997 to present.

Summary of Academic Experience

Professor of Interior Architecture, Department of Interior Architecture, College of
Architecture, Planning & Design, Kansas State University, Manhattan, Kansas: 2000
to present

Assistant Professor of Interior Architecture, Department of Interior Architecture,
College of Architecture, Planning & Design, Kansas State University, Manhattan,
Kansas: 1988 to 2000.

Assistant Professor, Department of Pre-Design Profession College of Architecture and
Design, Kansas State University, Manhattan, Kansas: 1977-78

Assistant Professor of Interior Architecture, Department of Interior Architecture,
College of Architecture and Design Kansas State University, Manhattan,
Kansas: 1972-74

Instructor, Department of Industrial Design, Macomb Community College,
Warren, Michigan: 1969-70

Summary of Professional Experiences

Principal, Hastings Designs, Herington, Kansas: 1993 to present.

Principal, Exhibit A Display and Exhibit Company, Herington, Kansas: 1987 to 1993.

Consultant Designer, Richard Ten Eyck & Associates, Haysville, Kansas: 1986-87.

President, Care Display Inc., (A Michigan Corporation), later changed to A.J.
Hastings Corporation, Herington, Kansas: 1970-86.

Creative Director, Wilding Displays, A Bell & Howell Co., Detroit, Michigan: 1969-70.

Art Director, Campbell Ewald Advertising, Detroit, Michigan: 1967-68.

Senior Exhibit Designer, Display & Exhibit Co., Detroit, Michigan: 1966-67.

Research Stylist, Research Studio, Styling Center General Motors, Warren Michigan:
1963-1966.

Interior Architect, Santa Monica Furniture Co, North Hollywood, California: 1961-62.

Industrial Designer, Boeing Airplane Co., Wichita, Kansas: 1958-1961.

Teaching

Kansas State University

ENVD 230	Drawing & Visual Perception
ENVD 205	Graphics 1
ENVD 206	Graphics 2
ENVD 231	Environmental Design Studio 1
ENVD 232	Environmental Design Studio 2
ENVD 233	Environmental Design Studio 3
IAR 401	Interior Architecture Design Studio 1
IAR 402	Interior Architecture Design Studio 2
IAR 403	Interior Architecture Design Studio 3
IAR 604	Interior Architecture Design Studio 4
IAR 703A	Product Design Studio 1
IAR 704A	Product Design Studio 2
IAR 784A	Product Design Workshop 1
IAR 785A	Product Design Workshop 2
IAR 755A	Product Illustration
IAR 830B	Problems in Interior Architecture, Adv. Product Design
IAR 406A	Problems in Interior Architecture, Airbrush Drawing
IAR 406B	Problems in Interior Architecture, Delineation Techniques
IAR 406B	Problems in Interior Architecture, Portfolio Preparation

McComb County Community College

ID	Perspective Drawing
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Research and Creative Activity

Designed Exhibit Area. Watkins Museum, Lawrence, Kansas: Drawings and models completed Dec. 2000: Design emphasis was to create an exhibit area showing the history of Lawrence but to not distract from the historic architectural detail of the building. Design drawings are presently being used to raise funds to complete the exhibit.

Development of Astronauts Air-Bell, Helmet and Visor for Kansas Cosmosphere and Space Center, Hutchinson, Kansas. Developed special forming techniques allowing reproduction to an exacting form with economical pricing. Project completed in 1993.

Air Circulation Fan Grill Design Study, Richard Ten Eyck & Associates, Haysville Kansas. Projects studied properties of fan blade and grill design in establishing proper airflow design. Design outcome resulted in National and International Mechanical and Design patents 1991.

Recreation of "One of a Kind" 1931 L-29 Boattail Cord Classic Automobile for Auburn Cord Classic Auto's, Wellington, Kansas. Project involved reviewing old photos and constructing surface development drawings, without the use of a computer. These drawings were translated into a full-scale hammered metal body attached to an original 1931 Cord chassis. Restoration was completed by the Auburn Cord Company, Wellington, Kansas. The L-29 recreation has received many "Best of Show Awards" in national classic auto competitions. The L-29 has appeared in several classic auto magazines including: The Car Collector, June 1995 issue. The L-29 is now a featured exhibit at the Auburn, Cord, Duesenberg Museum in Auburn, Indiana. The L-29 is referred to as the *Holy Grail* of classic automobiles by antique auto collectors. The L-29 Boattail Speedster project was designed in 1987 and the first body was completed in 1991.

Member of design team that developed active and passive collector type Incognense Devices for men and women with an Incognense problem. Team produced working prototypes and conducted tests on several subjects. The active prototype weighed only 6 ounces replacing bulky adult diapers. Unit is undergoing further testing at John Hopkins Medical Facility with intent of seeking approval from the Food and Drug Agency to permit marketing. Project conducted at Richard Ten Eyck & Associates, Haysville, Kansas 1987.

Designed and developed Showball™ and Videoball™ display systems for A.J.Hastings Corporation, Herington, Kansas. Display system is automatic and interactive using transparencies and video. System featured in the July 1989 issue of *Potentials in Marketing*, a national exhibit trade publication. System also featured in *Creative Magazine*, a national trade publication.

Designed and produced three 3/4 scale Telstar Satellite Models for AT&T Corporation, New York, N.Y. Models are exhibited at *NASA Visitors Center*, Kennedy Space Center, Cape Canaveral, Florida, the *Communications Pavilion*, EPCOTT Center, Tampa, Florida, and the *Central Display Area* of AT&T Headquarters Building, New York, N.Y. Completion of project required development of special molding techniques for simulating muxes. Developed structural systems allowing simulated space attitude with De-spun shelf that is normally in a weightlessness environment.

Proposals and Grants

Travel Grant Southwest Graphics Conference. Department of Interior Architecture: \$300 Presentation of Graphic Projects at University of Texas, Arlington.

Eastern European Team. Office of the Dean College of Architecture. Planning for study trip to Eastern Block Countries. Non-Funded because of budget restrictions.

Image Makers, A National Symposium for Illustrators, Manhattan, KS. Department of Interior Architecture: \$285 A Symposium on contemporary illustration techniques.

Roadside Information Center Kellogg Foundation: \$1,500. McPherson County study for Information Center placement on I-135 near McPherson.

Professional Practice Experience

Exhibit A Display and Exhibit Co., Herington KS. 1987-present

Serve as Consultant to industry and corporations in capacity of product design, exhibit design and interior architecture. Partial list of clients:
KANSAS Corporation, Emporia, KS. The Coleman Co., Wichita, KS.; Associated Advertising, Wichita, KS.; The Agency, Wichita, KS.; Brinton's Agency, Scottsdale, AZ.; AT&T Corporation, New York, N.Y.

Ten Eyck & Associates, Haysville, KS 1986-87

* *Consultant Designer for Ten Eyck & Associates*, a product design firm in Haysville, Ks. Following is partial list of projects completed as a consultant designer for this firm.

patented * *Developed grill and base design for Vornado Fan.* Both designs are Nationally and Internationally.

Boat * *Developed design concepts for "Andretti" 26 foot sport boat* for Celebrity Company, Springfield, IL.

working * *Member of team developing Incognense Device:* Developed male and female models with with active and passive collectors Team developed prototypes of units now being tested at John Hopkins Medical Center.

of * *Developed surface drawings defining form for "One of a kind" reproduction the 1931 L-29 Cord* for Auburn Cord Manufacturing Company in Wellington, KS. Original auto was designed and produced for *Jene Harlow* and her husband in the 1930's.

A. J. Hastings Corporation, (formally Care Display Inc.), Herington, KS , 1971-1986

Served as Corporation President from 1971 to 1986. Corporation specialized in trade show exhibits and museums. Following is a partial list of projects.

and * *Telstar Satellite Model for AT&T Corporation, New York, NY.* Designed produced three 3/4 scale models of telecommunications satellite, a see through model measuring 16'-6" showing all working

elements within the satellite. Developed special model forming technique for simulating hardware and electronic elements within the satellite. Models have been on display at EPCOTT Center, Orlando, FL, NASA Visitors Center at Kennedy Space Center, Cape Canaveral, FL and AT&T's new corporate headquarters building in New York City.

* *Quveria Museum, Lyons, KS.* Developed space planning for museum and constructed all exhibits.

* *Discovering Apes exhibit for the Topeka Zoo, Topeka, KS.* Developed an interactive museum that combined with live animal exhibits. This was the first installation of it's kind within the United States.

exhibit
Mexico.
* *Trade show booth for Government of Mexico.* Designed and produced promoting Fidecomisco Acapulco in Acapulco and Mexico City in

Professional Practice Experience

Produced
* *Articulated Display Trailer for Hesston Corporation, Hesston, KS.* display trailer to promote new line of Fiat Tractor line.

promotions.
PA for the
* *"Land of Oz" exhibit for state of Kansas, KDED Division, Topeka, KS.* Originated the theme line, "Kansas Land of Oz," used in state
Designed exhibit initially for installation in Philadelphia, Bicentennial Celebration.

fabricated
Houston, TX.
Scotland.
Amsterdam, Holland.
* *OTC Shows for Cameron Iron Works, Houston, TX.* Designed and corporate trade show exhibits for several OTC oil shows in
Designed fabricated and installed trade show in Aberdeen,
Designed, fabricated and installed trade show in

* *International Oceanographic Foundation, "Planet Ocean," Miami, FL.* Museum exhibit for Cameron Iron Works, Houston, TX for permanent installation at Planet Ocean Museum, Miami, FL.

space
Cessna
* *Cessna Twin Engine Expo, Cessna Aircraft Co. Wichita, KS.* Designed efficient exhibit system for use by all Twin Engine Dealers for Aircraft in the United States and Canada.

Bartlesville,
language key up
* *Industrial Expo 73 at Moscow, USSR for Phillips International, OK.* Designed multi-projector exhibit system using Russian for Phillips International.

* *Sequoia National Park Exhibit for US National Parks Service, Harpers Ferry, VA.* Fabricated and installed museum exhibit for Visitors Center at Sequoia National Park, Kings Canyon, CA.

Fame in
* *Greyhound Museum, National Greyhound Association, Abilene, KS.* Designed and fabricated all exhibits for the Greyhound Hall of Abilene, KS.

exhibits * *Eisenhower Museum, Abilene, KS.* Designed and fabricated various for Eisenhower Museum.

Creative Director, Wilding Displays, Detroit, MI., 1969-70

Served as Creative Coordinator for Wilding, a Bell & Howell Company, Detroit, MI. Responsible for all trade shows and exhibits produced by Wilding Displays during this time.

Art Director, Campbell Ewald Advertising, Detroit, MI., 1968-69

Serviced the following accounts: Rockwell International, Aero Commander, Marathon Oil and K-Mart. Responsible for national ads in print media with some video. Also responsible for merchandising concepts.

Exhibit Designer, Display & Exhibit Company, Detroit, MI., 1966-68

Designed building concepts and developed traffic flow design for Ford's Pavilion in Texas Hemisfair. Traveling promotional exhibit for Canada to promote Montreal Expo, exhibit toured throughout the US. Designed "Man and His World" exhibit for Canada for Worlds Fair

Professional Practice Experience

Automotive Stylist, Research Studio, General Motors, Warren, MI.,

1963-1966. *Research Stylist for General Motors at the GM Tech Center,* Member of Commercial Vehicle and Commercial Car project teams. Developed *Bison Two* truck for *New York's World Fair.* Design team developed new bus transit system for Washington, DC. Developed *Bus-Link System* for Fort Worth International Airport, proposed to Dallas, Fort Worth by Dallas General Motors Corporation. Commercial Car Project Coordinator for Entry-Egress System for *1969 B-Body Project titled B-70 Project.* Designed three dimensional four bar hinge system for 70 inch rear mounted door for B-70. Introduced the use of computer aided drawing to solve articulation movements of 70 inch door. Developed concepts for future *Corvette and A-Bodies.* Co-holder of patent for swing-away tail gate and sliding roof panel used on the *1969 Chevrolet and Pontiac Station Wagon models.* Holder of several other patents owned by General Motors.

Interior Architect, Santa Monica Furniture Company, North

Hollywood, CA., 1961
Santa Monica Furniture is an Architectural Design Office specializing in Interior Architecture. Responsible for designing *W.T. Grant's New York Apartment.* Designed exclusive home constructed at the point on *Diamond Head in Hawaii.*

Industrial Designer, Boeing Airplane Company, Wichita, KS. 1958-61.

Developed corporate transport aircraft, code name, *909*, exterior and interior concepts. The airframe and engineering were provided by aeronautical engineers at Boeing. Member of design team that developed the first program to make *3-D Drawings on a Computer.* Worked with computer programmers in setting program on *709 Computer* to draw perspectives form elevations and sections as impute data. This was the first successful program to create a perspective drawings made by a computer. Article about program appeared in *Art Direction and Industrial*

Design magazines at that time and several other time.

magazines since that

Awards, Professional

Best of Show Award, IPE Conference, Tulsa, OK, 1978 Trade show exhibit for Lealand Manufacturing Company., Tulsa, OK.

Motor Trend Automotive Design Competition, 1961 First Place Award in International Automotive Design Competition sponsored by *Motor Trend Magazine* and *Art Center College of Design*. Received full tuition scholarship to the *Art Center College of Design* to study Transportation Design and Product Design. Competition was judged by the president's of the Styling Divisions of the Major Motor Companies.

Awards, Students

Global Shop, Annual Retail Design Show, April 2002 Carson Kober, 2001 IA Grad received Best Booth of The Year Award for her design of a trade show booth for Fleetwood Fixtures.

Cooper International Lighting Competition, 1993 Torry Hessman and Christian Reschat, students in Product Design 2 received *Honorable Mention Awards* for design of lighting systems, making three of the four winners of the competition from Product Design at Kansas State.

Danish Design Centre International Competition, 1992 Meredith Quinn, student in Product Design 2 received Fifth Place Professional Award in competition sponsored by the Government of Denmark. Theme of competition was *Age: No Problem*. Quinn's design was a pill dispensing system solving a practical problem for people taking many different pills. The system includes a built-in calendar making it easy to keep track of what pills are taken during the course of the week. Quinn was one of eleven winners from over 400 entries from 31 countries and received \$5,000 and an expense paid trip to Denmark to accept the award. Quinn was the only US Citizen to win an award.

Cooper International Lighting Competition, 1992 Kerstin Lutjen, student in Product Design 2 received *First Place Professional Award* for a fluorescent fixture design titled "Flouoroflex," Fixture will be manufacture by *Metalux* and cataloged and

marketed with full design credit..*Kerstin* received an award of \$2,000 for her entry. Her design is unique as this is the first fluorescent lighting that controlled areas of illumination amplification as well as wall washing. Awards were presente and winning entries displayed at the ASID International Conference in Anaheim, CA.

HBSA Store Fixture Design Competition, 1991 *Thomas Fett*, Student in Product Design 2 received *First Place Professional Award* in this International Design Competition. First Place Award was \$10,000. *Mr. Fett's* design incorporated a stylized human body form to show wearing apparel. The system was called *The Oscar System*.

Davis Furniture Competition, 1990 *Brian Kern*, student in Product Design 1 received *First Place Student Award* in *Case Goods Category*. Design is being considered for manufacture.

Davis Furniture Competition, 1990 *David Coe*, student in Product Design 1 received *First Place Student Award* in *Conference Table Category* and also *Best of Show*, of all student categories.

Patents

Grill Design for Air Circulation System, 1988 Developed grill design for the Vornado Fan increasing efficiency of the air flow by over 25% of fans without grills. Grill is used as Corporate Logo by Vornado Air Circulation Systems Inc., Wichita, KS. International patents were granted and assigned to Vornado.

Base Design for Vornado Fan, 1988 Developed one piece tubular base design incorporating pivotal head design with and built-in switch for safety application. Product is UL registered. International patents were granted and assigned to Vornado Air Circulation Systems, Inc., Wichita, KS.

Plastic Foam Building Panel, 1970 On site expandable plastic form building system using a sandwich panel with an excitable core for on site placement. Advantage of system are shipping, insulation factor and structural integrity. Design was presented to HUD for applications in affordable housing.

Three Dimensional Four Bar Hinge System, 1965 A special hinge system using non parallel and non intersecting axis with a controlling link to program the travel of an automotive door. Product was installed on experimental Pontiac at General Motors Styling, Warren, MI.

Disappearing Tail Gate, 1965 Articulated rear door as applied to station wagons, automotive. Patent assigned to General Motors, Detroit, MI and installed on 1969 and later Pontiac and Chevrolet station wagons. Product referred to as "Magic Tail Gate."

Self Enclosing Ignition System, 1964 Key enclosure ignition system, automotive. Keys retract into dash with engine running. System removes unsightly keys from dash cluster and prevente lacerations from keys in sudden stops. Planned for full automotive production line of General Motors, was later discontinued due to the lockable steering wheel. Patent assigned to General Motors Corporation, Detroit, MI.

Corrugated Sheet Or The Like, 1960

Architectural structures and decorative panels. System used a special design flolded plate design that accepted transverse and direct loading conditions. Patent assigned to Boeing Airplane Company., Wichita, KS.

Seat Base For Aircraft, 1959 Special base structure for attaching airline seating to airframe using a compression air lock design to elongate time factor for high impact conditions reducing extreme loading conditions on the seat fasteners. Patent assigned to Boeing Airplane Co., Wichita, KS.

Publications

New Product Article, *Potentials Magazine*, 1983 Editor's Article on *Sector System™*, a serpentine exhibit system with rounded panels enabling alternate configurations. Product line assigned to Exhibit A Display and Exhibit Company, Herington, Ks.

New Product Article, *Creative Magazine*, 1978 Editor's article on *Videoball™*, a self-contained video system used in exhibits and museums. Product assigned to Exhibit A Display and Exhibit Company, Herington, KS.

New Product Article, *Audio Visual Magazine*, 1978 Editor's article about *Videoball.™*

New Product Article, *Potentials Magazine*, 1976 Editor's article describing *Pop-Fold™*, a collapsible exhibit system. Product assigned to Exhibit A Display and Exhibit Company, Herington, KS.

Cover Article, *Potentials Magazine*, 1975 Cover and feature article on *Showball™*, a display system using a vacuum metalized 3 ft and 4 ft acrylic sphere with various sized transparencies being alternately lighted within the sphere. Product assigned to Exhibit A Display and Exhibit Company, Herington, KS.

Cover Article, *Detroit Magazine*, 1970 Cover and article about new ideas of Allan Hastings. Feature titled *The Ideas of Detroit's Genius-in-the-Rough*. As a result of the article an interview with Buckminster Fuller and Allan Hastings was scheduled for airing on local PBS TV to discuss new concepts and ideas. Due to previous engagements between Wayne State University and Buckminster Fuller the interview was canceled.

Community Service

Supervised Student Competition in Product Design 2 for College of Architecture and Design Awards Medallion, 1993.

Designed Brochure for Department of Interior Architecture, College of Architecture, Kansas State University, 1991

Designed I-135 Roadside Information Center for McPherson Chamber of Commerce, McPherson, KS, 1991.

1986

Designed Brochure for Herington Chamber of Commerce, Herington, KS,

Designed Brochure for Herington United Methodist Centennial, Herington, KS, 1986.

Designed and Produced Trade Show Exhibit for Herington Chamber of Commerce, Herington, KS, 1986.

Served as President for the Herington Kiwanas Club, Herington, KS, 1978.

Adult Leader for Boy Scout Troop 43, Herington, KS, 1977-79.

1974

Designed Brochure for Herington Chamber of Commerce, Herington, KS,

Adult Leader for Boy Scouts, Webelows, Royal Oak, MI, 1968-70.