Frosmatilis

North Carolina State University
School of Design

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School of Design

Colophon:

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Jean's Foreword

According to Webster's, a prospectus "... defines the course or nature of something not yet existent or developed." We offer this Prospectus of the School of Design to all who may be interested in our collective futures.

Designers are nostalgic about the future. While this publication describes the School's history, its educational units, lists faculty, staff, visitors, and celebrates student projects produced last year in our studios —all things that exist in the past—it is actually about the future. The *Prospectus* is an invitation for all who read it to join us as we incorporate those things "not yet existent" and improve those things "not yet developed."

For prospective students, this book may indicate that the School of Design is a place where your talents can thrive in a challenging environment of thought and action. Our thousands of alumni throughout the design world will use it to compare the School of the present with the School remembered. Practicing designers, tempered by their day-to-day actualities of production, will evaluate our ambitions for the School against your expectations of our graduates and the research of the faculty. Student and faculty colleagues in other design schools will discover the potentials for future collaborations. The University and the citizens of our State will see in these pages confirmation of the unique educational opportunities afforded by the School for those who will shape our future. The members of the School of Design Foundation, by providing critical support to students and faculty which creates our margin of excellence, will see reward for your contributions demonstrated in the accomplishments of others.

This *Prospectus* will be of greatest value, however, to the faculty and students of the School of Design. This book serves as a mirror to a point of time in our lives. By viewing our own descriptions of ourselves, new initiatives and resolutions evolve which will influence the future of the School of Design. For designers, the only reason to know "what is" is to produce "what can be."

Tom Regan

Now in its fifth decade, the School of Design at North Carolina State University has concerned itself from the beginning with preparing the designers who, in the broadest sense, shape the world. Design education is more than an attempt to "teach" a set of technical skills. The environment—including the spaces in which people live and work, the products they consume, the messages they receive—have a powerful impact on how humans function as a society. Good design, therefore, requires attention and sensitivity to social, economic, political and behavioral issues. The aim of all design curriculums in the School of Design—architecture, design, graphic design, industrial design, and landscape architecture—is to develop the designer's perception, knowledge base,

The School of Design admits students through a selective process that ensures a highly motivated and heterogeneous group. The entering student body consistently ranks at the top of academic achievement, and the School's graduation rate is the highest within the University. While providing undergraduate and graduate study in multiple disciplines and encouraging individual plans of study, the School functions as a unified, interactive education center, dedicated to preparing designers who are capable of shaping the environment at whatever scale they choose, but always in response to the needs of society.

The School of Design offers undergraduate instruction leading to the Bachelor of Environmental Design degree in architecture, design, graphic design, industrial design, and landscape architecture. Learning activities consist of: 1) general education courses including English, mathematics, humanities, social sciences, and the natural sciences; 2) support courses dealing with knowledge and skills applicable to design, such as communication and graphics, human behavior, environment, history, philosophy, physical elements and systems, methods and management, and 3) studios which provide the arena for students to apply their expanding knowledge and skills to problems, both theoretical and real.

After a common Design Fundamentals program in the first year, the studios relate to the student's declared disciplinary major. The curriculum path is flexible, affording students the opportunity to concentrate in one area while also making contact with other design disciplines. In addition to their faculty mentors, students are exposed to a broad range of design professionals through guest

lectures, juries, projects and workshops.

Graduate studies, designed for students building on undergraduate training and professional experience as well as those coming from unrelated backgrounds to pursue advanced design degrees, are offered in the Departments of Architecture, Landscape Architecture,

Industrial Design and Graphic Design.



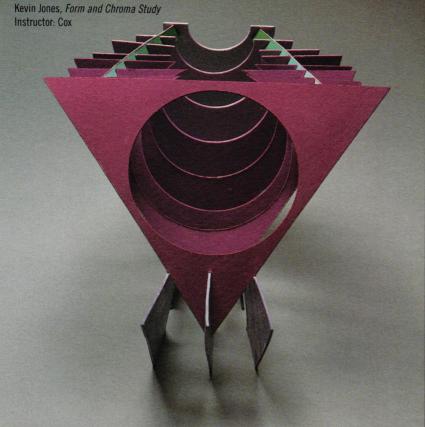
The Design Fundamentals Program consists of two consecutive studio experiences. DF 101 and 102 serve as the first studio introduction to all of the School's Departments — Architecture, Design, Graphic Design, Industrial Design, and Landscape Architecture. These studio courses examine the techniques and attitudes dealing with the identification, solution, and evaluation of problems arising from the design of physical artifacts in the natural and built environment. The design studio process includes the acquisition of languages and skills appropriate to design studies.

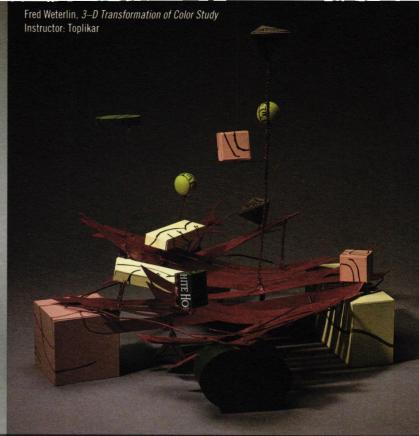
Design studios are central to the designer's education because they are the primary means by which concepts, theoretical propositions, processes and technical

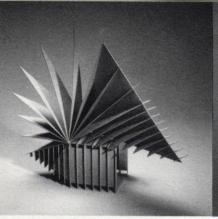
skills are explored and tested.

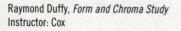
The studio structure is largely determined by the necessity for a continuing dialogue between the students and the professors. Students work on various projects in design studios with the assistance and supervision of the professor. The relationship is tutorial in nature and the studio experience extends beyond studio projects to encompass research, reading, and writing requirements.

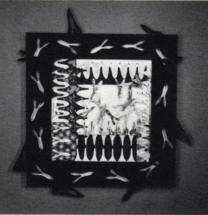
DESIGN FUNDAMENTALS



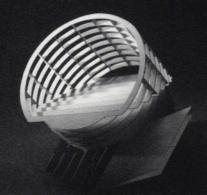








Molly McGaughey, *Wall Relief* Instructor: Toplikar

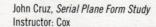


Matthew Thomason, *Serial Plane Form Study* Instructor: Cox

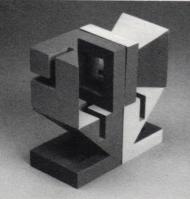


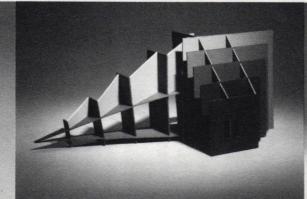
Filiz Durmas, 3—D Construction Instructor: Magallanes

Riyad Ghannam, Form and Chroma Study Instructor: Porter



Brian Jones, *Form and Chroma Study* Instructor: Cox









Various Students, *Birdhouse Projects* Instructor: Wilchins



Various Students, *Color Studies* Instructor: Rieder



Anne Beamon, *Figure / Ground Composition* Instructor: Cox



Abram Claiborne, *Figure / Ground Composition* Instructor: Cox



Mat Thomason, *Serial Plane Form Study* Instructor: Cox

Faculty

Professors: Wayne Taylor

Michael Pause

Associate Professors: Chandra Cox

x Lope Max Diaz

Charles Joyner

Marienetta Porter

Assistant Professor: Fernando Magallanes

Susan Toplikar

Susan Wilchins

Visiting Lecturer: Kathleen Rieder



The Program in Design Fundamentals provides all incoming students to all departments with their first design studio experience. Students take courses in the humanities and sciences in addition to their studio requirements.

The design studio is a six-hour course which meets three days a week and represents the teaching philosophy of the School with its tutorial and highly interactive learning environment.

The first semester studio gives students exposure to designing and the design process, focusing on the elements common to all design disciplines: start-up activity, research, generating alternative solutions, developing and refining a solution, implementing that solution and evaluating the results. In the second semester studio, students are exposed to the scales of design represented in all of the School's degree programs —architecture, design, graphic design, industrial design, and landscape architecture— by offering a range of introductory experiences to increase students' awareness of the disciplinary choices available to them.





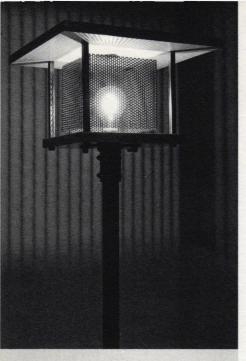
Program in Desig

DEPARTMENT OF

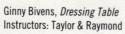
The Department of Design provides multidisciplinary studio and classroom experiences in the education of students pursuing the Bachelor of Environmental Design degree in Design and of graduates and undergraduates in other disciplines at the School of Design. A diverse faculty offers instruction in drawing, painting, photography, sculpture, and textile design. These specialized courses, as well as classes in color theory, geometry, and design theory, are open to students in other disciplines, which allows individuals in other departments to take a minor concentration in Design.

The studio is central to design education. Studio instruction is experiential in nature and requires that students engage as active participants. Questions of time, materials, processes, precedents, aesthetics, and ethics provide the context for the activity called "design." Students are encouraged to exercise flexible creative thinking as they analyze problems in the physical world and synthesize appropriate solutions. Among other objectives, students deal with ambiguity and uncertainty in the search for solutions, as well as to critically evaluate their own and others' work.

BESIGN



Paul Boulifard, *Lighting Unit* Instructors: Taylor & Raymond





Matt Farrior & Marc Elmo, *Chair* Instructors: Taylor & Raymond

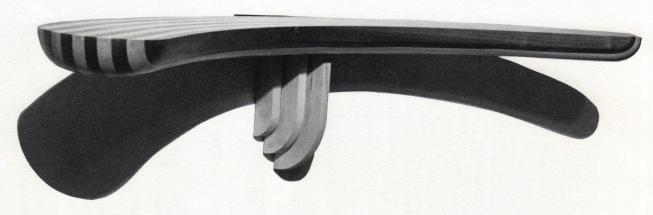








Matt McConnell, *Shelving Unit* Instructors: Taylor & Raymond



Michael Cotton, *Lighting Unit* Instructors: Raymond & Taylor



Kevin Deabler, *Shelf* Instructors: Taylor & Raymond



Ginger Lancaster, *Personal Narrative* (detail) Instructor: Wilchins

Dalia Rullan, *The Cumulative Cloth* (detail) Instructor: Wilchins

Abbie Worrell, *The Cumulative Cloth (detail)* Instructor: Wilchins

Various Students, *The Cumulative Cloth* (detail)



Faculty

Professor Wayne Taylor, Head of the Department

Professor: Michael Pause

Professosr Emeriti: George Bireline

Joseph Cox

Duncan Stuart

Associate Professors: Chandra Cox

Lope Max Diaz

Charles Joyner

Marienetta Porter

Dana Raymond

Susan Toplikar

Susan Wilchins

Adjunct Professor: Steven Wainwright

Visiting Lecturers: Dana Bartelt

Linda Dallas

Andrea Gomez

Tae Park

Kathleen Rieder

Kathy Saccopoulos

Margaret Sartor

The Department of Design offers undergraduate students the Bachelor of Environmental Design degree in Design. The Department also offers a minor in design to undergraduates in the University who are not majors in the School of Design.

The Design Department is a broadly based, multi-disciplinary undergraduate educational experience. Through flexible curriculum structure and course sequencing, students are able to assemble optional learning paths which meet their individual needs. This degree provides an alternative to students who have specific interests and capabilities outside the School's existing degree tracks or those who desire a broader design education by taking advantage of the range and diversity of the School of Design's offerings and faculty.

Entering students spend their first year in the Design Fundamentals program, which provides a common learning experience for all undergraduates as they begin their studies in the School of Design. Those who choose the Design major after their freshman year enroll in six additional studios selected from offerings by a faculty with widely varied experience and interests. Students also have the option to enroll in one or more studios offered by other departments — Architecture, Graphic Design, Industrial Design and Landscape Architecture — allowing the broadest possible design exposure.

Recent Visiting Lecturers & Critics

Harry Boom, Professor, UNC-Chapel Hill

Segundo Cardona, Architect, University of Puerto Rico

Wendy Ewald, Photographer

Lawrence Fane, Sculptor, CUNY

Rebecca Medel, Fibers Artist

John Menapace, Photographer

Bill Moss, Sculptor

Tom Phillips, Artist-in-Residence

Joyce Scott, Fibers Artist

Barbara Lee Smith, Embroiderer

Judy Ward, Storyteller





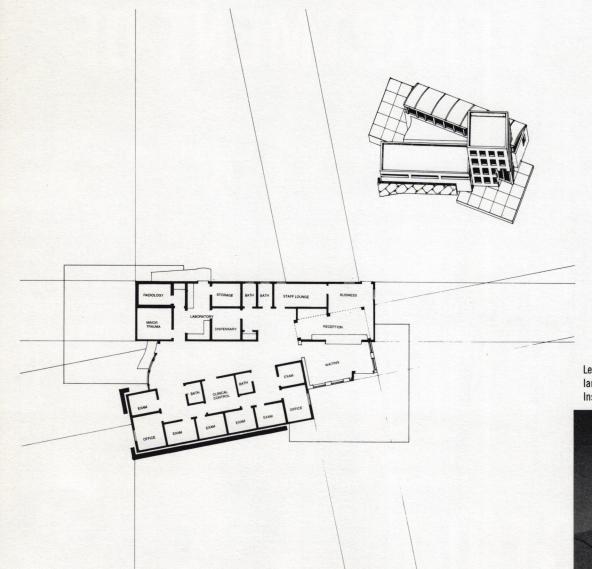
DEPARTMENT OF

Architecture programs at the School of Design provide a studio-intensive design education geared toward professional practice. The curriculum and activities stress the central task of the architect —to give meaningful form to the built environment— in the context of changing conditions that confront today's practitioners. Truly contemporary architecture concerns itself with emerging concerns such as the preservation and adaptive use of older buildings and neighborhoods, energy conservation, environmental preservation, and the form of rapidly expanding urban centers. Well-trained architects possess the critical thinking, problem solving and communication skills that enable them to directly influence human response to society's needs.

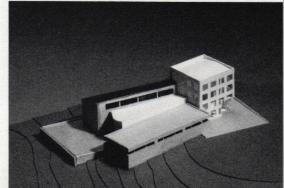
The design studio is the focus of learning. Architects make things that occupy and enclose space in the physical world, and the studio provides a unique, hands-on laboratory in which students exercise analytic and conceptual skills and test solutions. The final studio requires each student to pursue a self-initiated, detailed

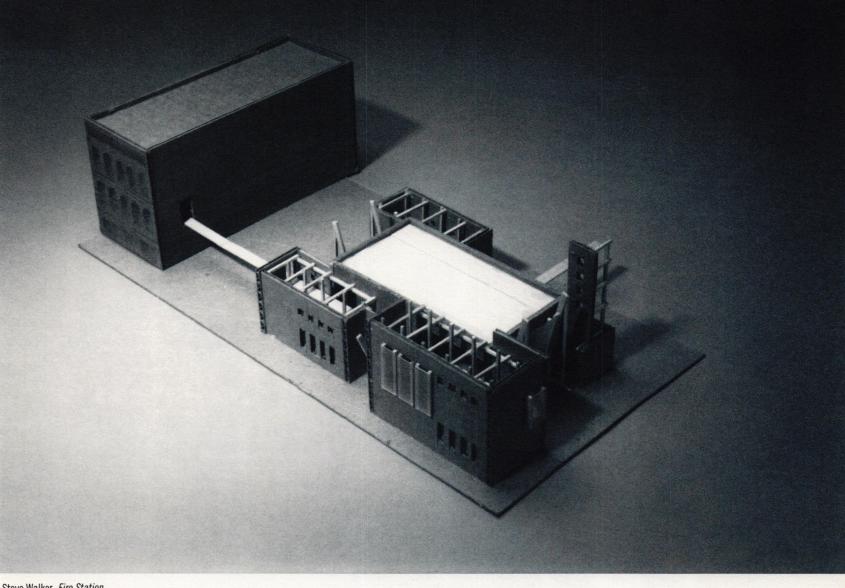
architectural investigation under faculty guidance.

ARCHITECTURE



Left and Below: Ian Butcher, *Rural Health Clinic* Instructor: Tector



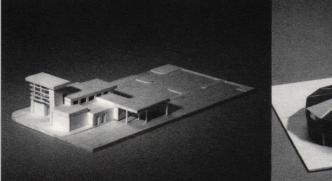


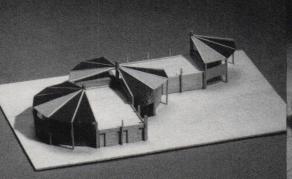
Steve Walker, *Fire Station* Instructor: Tector

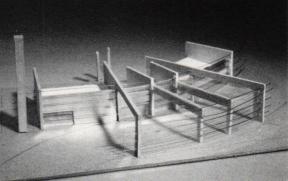
Kerry Finley, Bank Instructor: Rifki

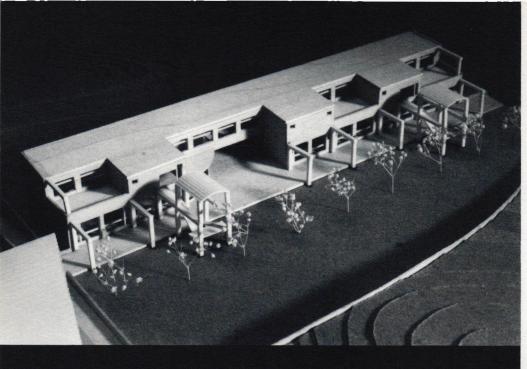
Phillippe Jentsch, *Health Clinic* Instructor: Rifki

Tom Langlois, *Branch Bank* Instructors: Rifki/Tector/Din



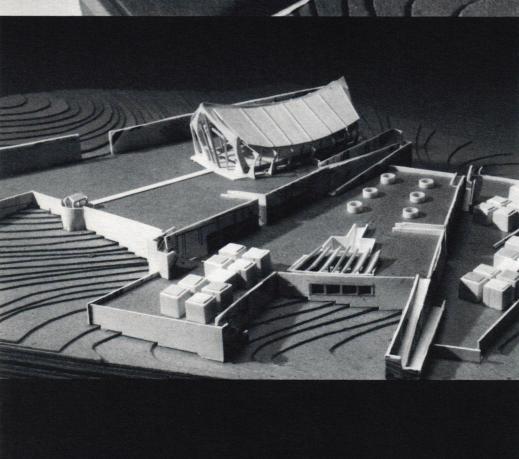




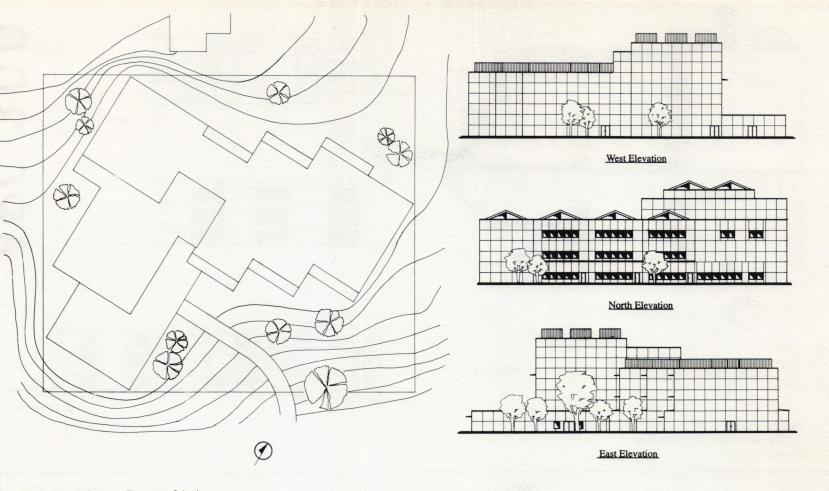


Danny Adams, *Buddhist Center* Instructor: Cherry

Jason Forney, *Buddhist Center* Instructor: Cherry



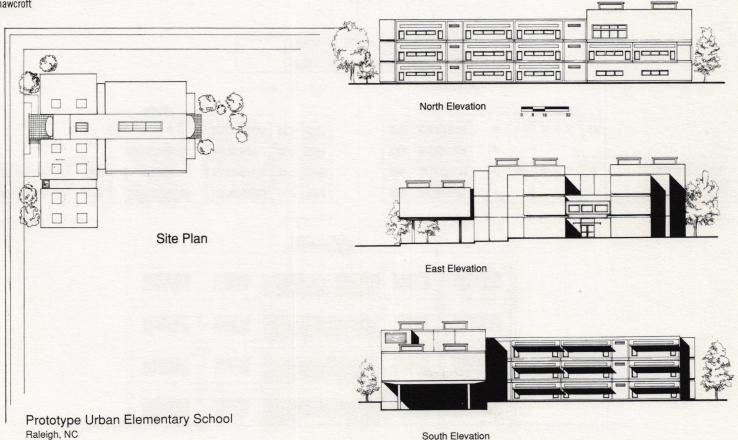
Kevin Deabler, *Buddhist Center* Instructor: Cherry



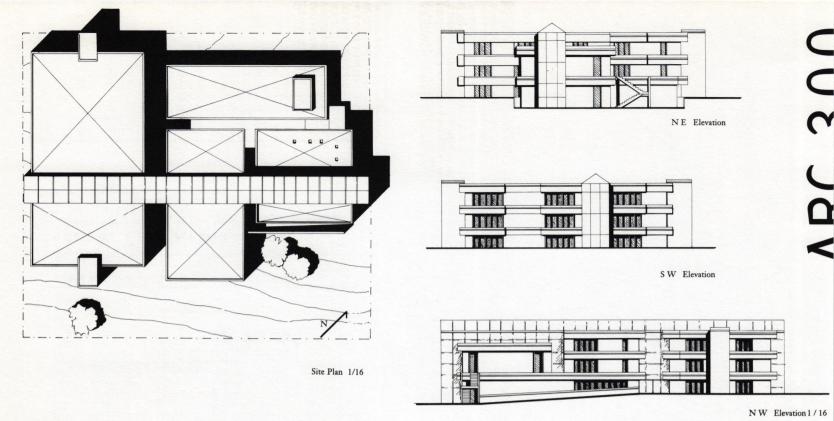
Matt McConnell, Prototype Elementary School Instructor: Shawcroft



Joeseph McCoy, Prototype Elementary School Instructor: Shawcroft



South Elevation



Above:

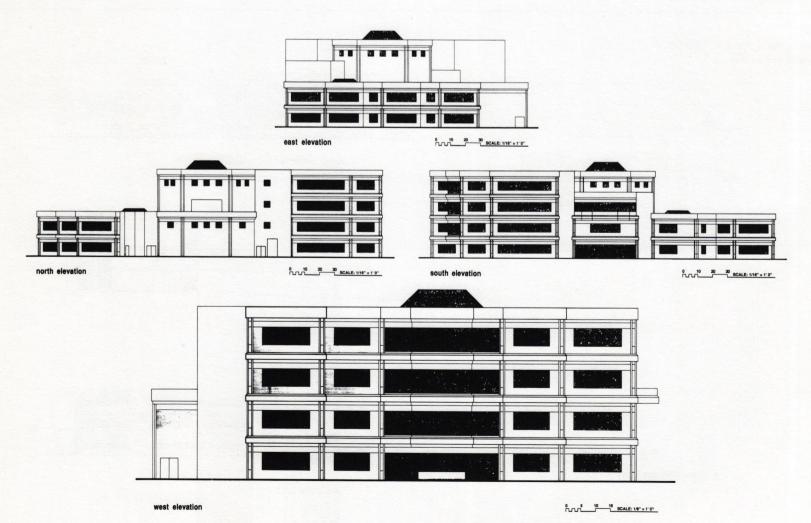
Mikel Barriola, Prototype Elementary School

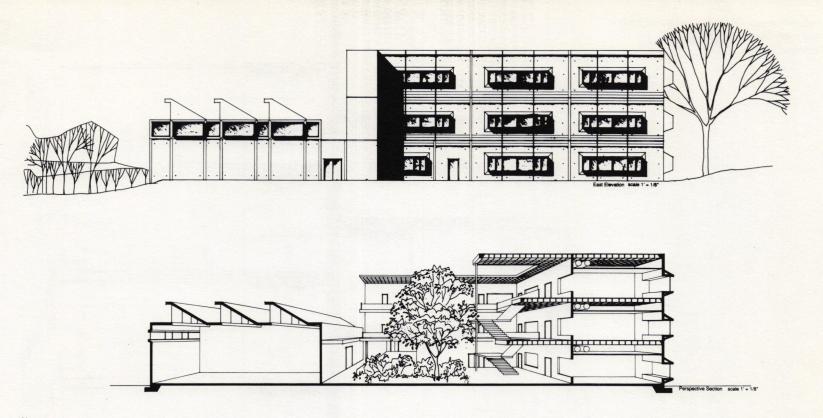
Instructor: Shawcroft

Below:

Samuel Rodriguez, Prototype Elementary School

Instructor: Shawcroft





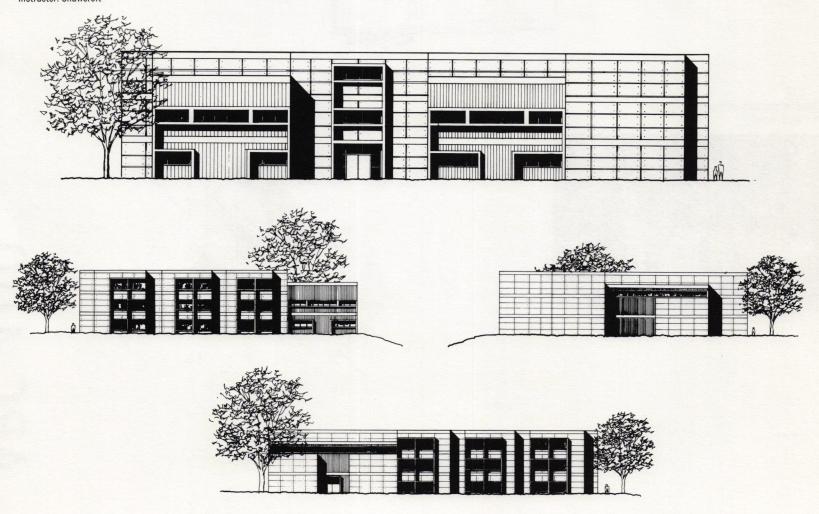
Above:

Bonnie Health, *Prototype Elementary School* Instructor: Shawcroft

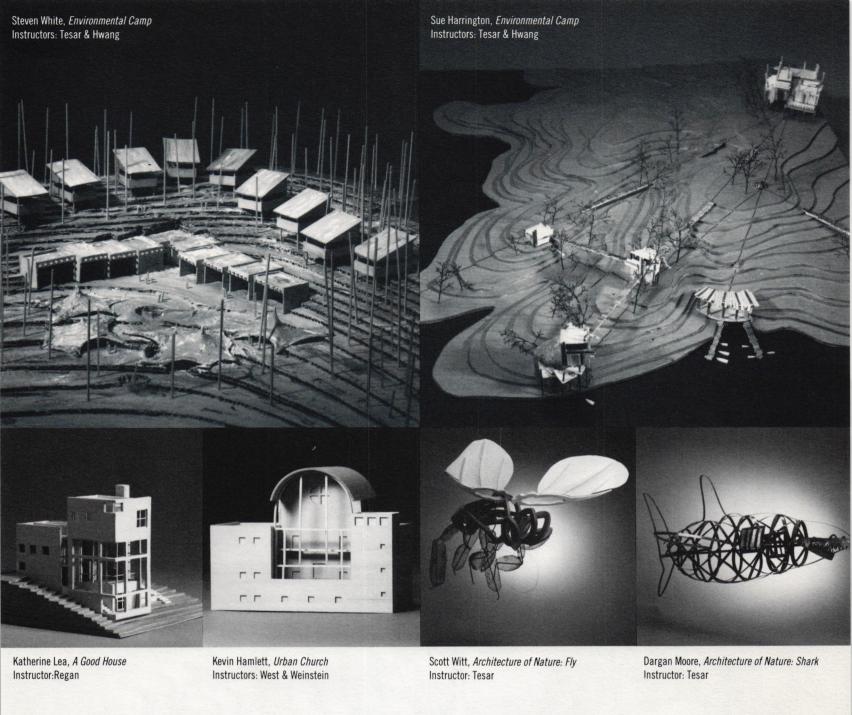
Below:

Stephanie Clontz, Prototype Elementary School

Instructor: Shawcroft



Hicham Romanos, *Sophien Strasse Housing, Berlin Apartment Section and Plan* Instructor: Reuer Steven White, *Sophien Strasse Housing, Berlin* Instructor: Reuer



Ha Ngo, Furniture Maker's Studio Instructors: Cannon & Cannon

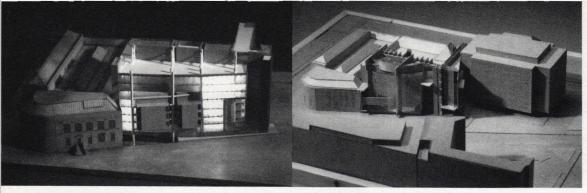
Brent Stebbins, *Furniture Maker's Studio* Instructors: Cannon & Cannon

Chadwick Roberson, *Furniture Maker's Studio* Instructors: Cannon & Cannon









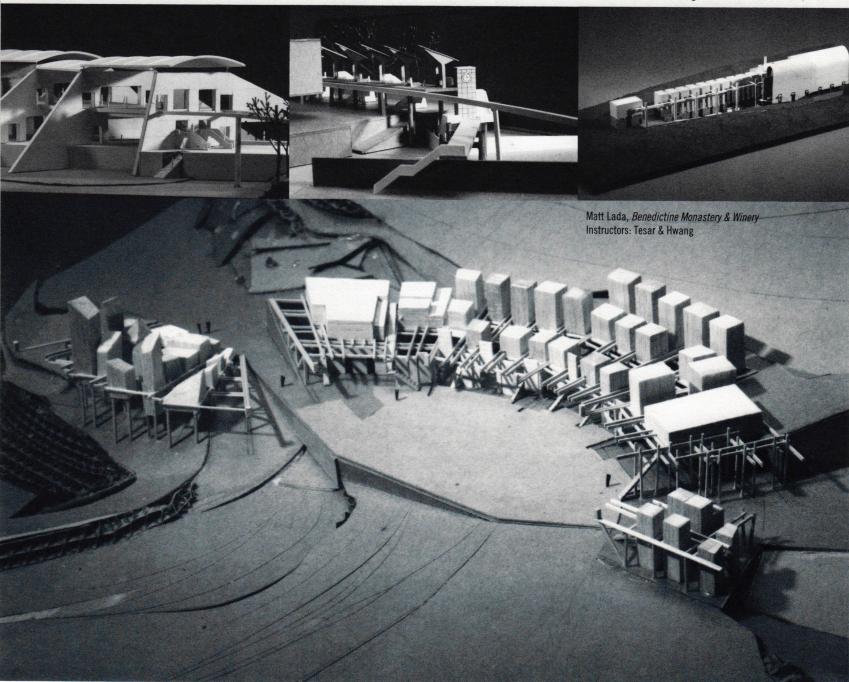
Scott Teixeira, *Corcoran Addition* Instructors: Tesar & Hwang

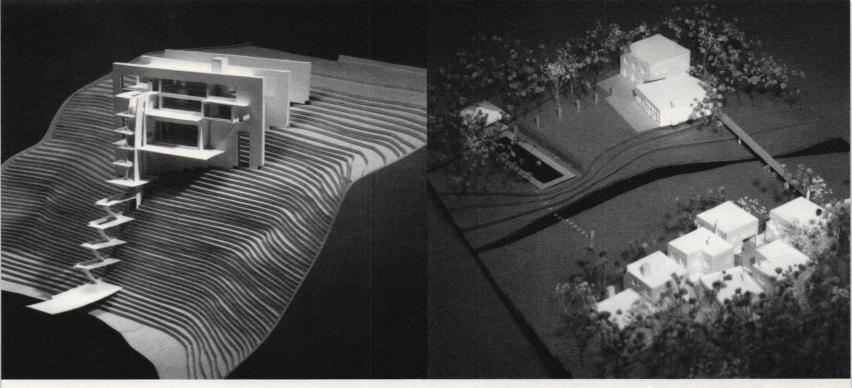
Paul Boulifard, *Corcoran Addition* Instructors: Tesar & Hwang

Jason Forney, *People Mover Station*Instructor: Tector

Corkey Anderson, *People Mover Station* Instructor: Tector

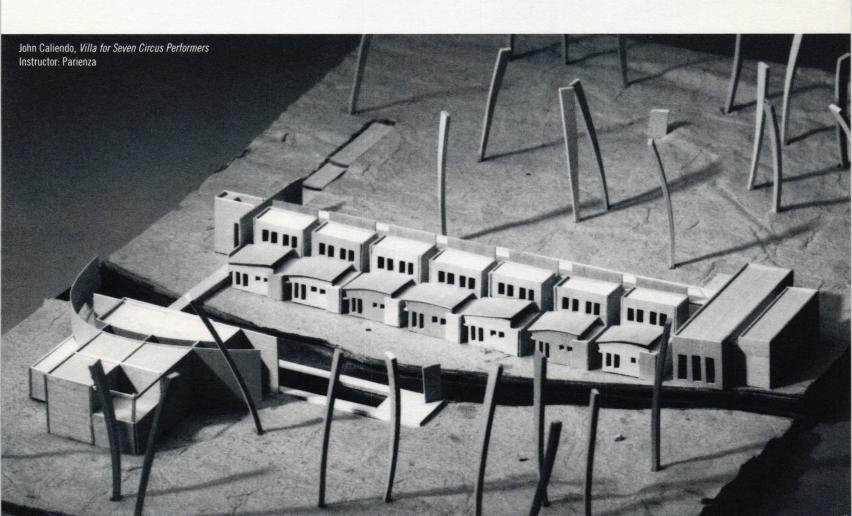
Brent Stebbins, *Benedictine Monastery & Winery* Instructors: Tesar & Hwang





Bret Page, *Cliff House* Instructor: Batchelor

Mara Murdoch, *Villa for Seven Circus Performers* Instructor: Parienza



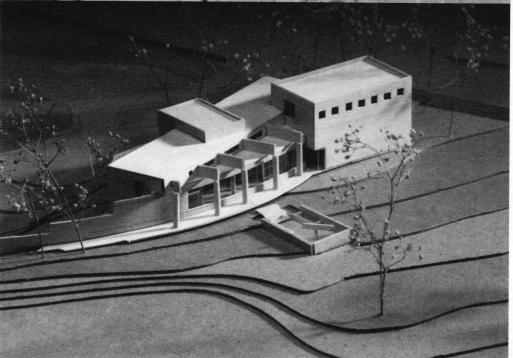




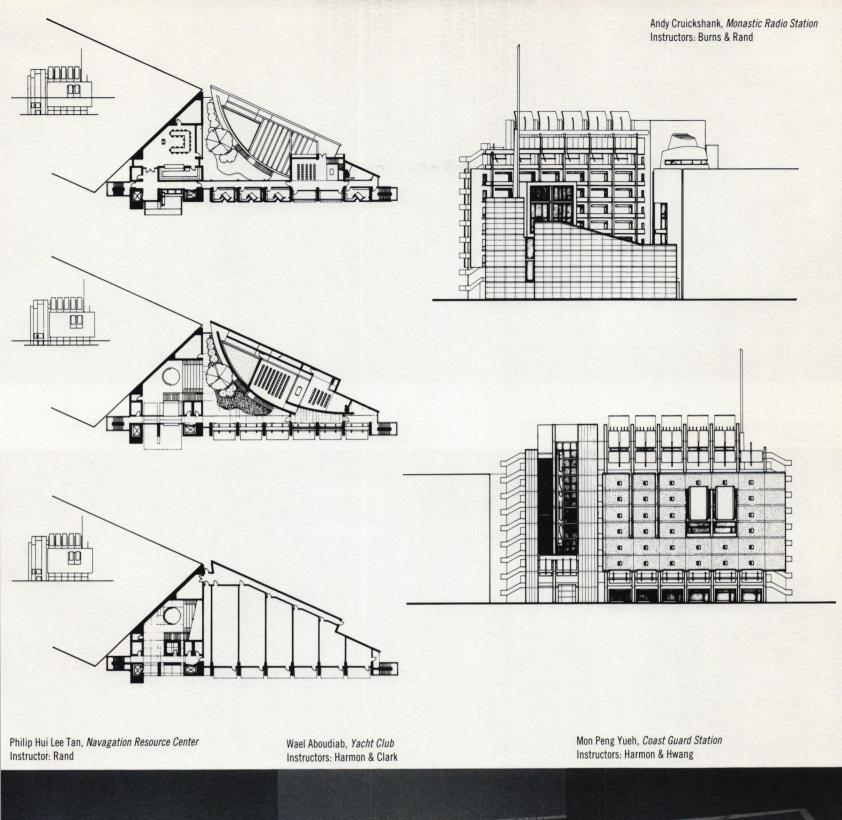
Gordon Godat, *Center for the Study of the Industrial Revolution*Instructor: Harmon

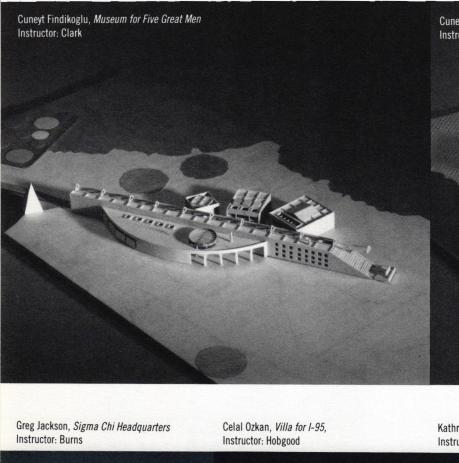


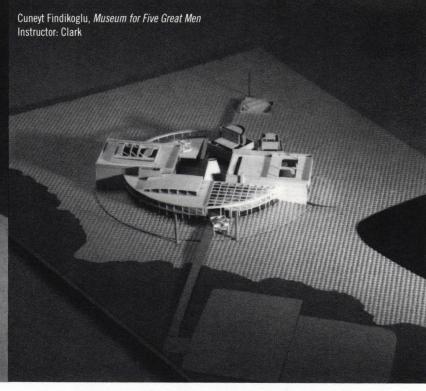
Mark Rosales, *Center for the Study* of the Industrial Revolution Instructor: Clark



Bill Prestwood, *Center for the Study* of the Industrial Revolution Instructor: Clark

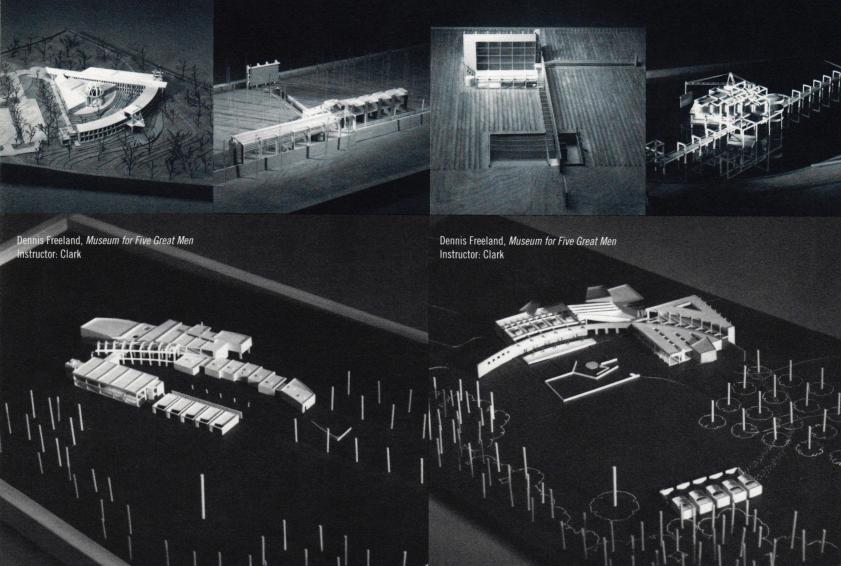


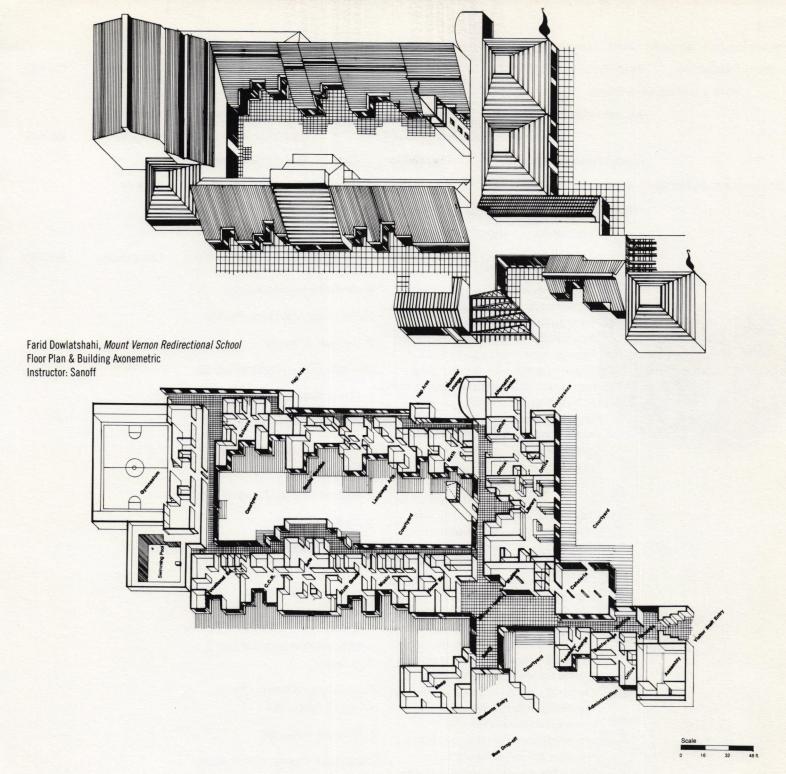




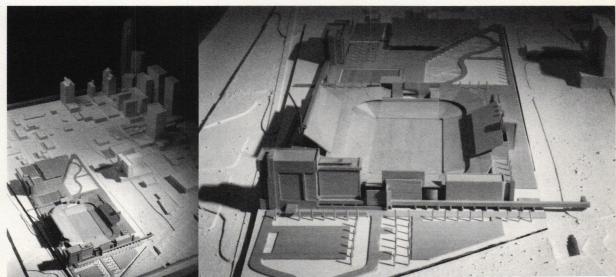
Kathryn Ross, *Villa for I-95* Instructor: Hobgood

Michael Sheehan, *Villa for I-95* Instructor: Hobgood





David Lisle, *Stadium Hybrid, Charlotte, N.C.* Instructor: Clark



Faculty

Professor Christos A. Saccopoulos, Head of the Department

Professors: Peter Batchelor

Georgia Bizios

Robert Burns

Roger Clark

J. Thomas Regan

John Reuer

Henry Sanoff

Paul Tesar

Professor Emeritus: Vernon Shogren

Associate Professors: Frank Harmon

Wayne Place

Patrick Rand

Fatih Rifki

John Tector

Associate Professor Emeritus: Donald Barnes

Visiting Associate Professor: Edwin Harris, Jr.

Ron Mace

Assistant Professors: Sharon Roe

Roger Spears

Adjunct Lecturer: Thomas C. Howard

Visiting Lecturers: Jim Bostrom

Gerald Allen

Catherine Bishir

Roger Cannon

Susan Cole Cannon

Steve Schuster

Louis Cherry

Brian Shawcroft

Dail Dixon

Kenneth Hobgood

Sheng Hwang

Charles Kahn

Whitney Powers

Margret Kentgens-Craig

Gail Lindsey

Tony Lineberry

Judge Julian Mann, III

Hunt McKinnon

Eppi Pazienza

Ellen Weinstein

Betsy West



The Department of Architecture offers three degree curricula to prospective designers. The undergraduate Bachelor of Environmental Design in Architecture is a pre-professional degree that balances broad general education with an introductory investigation of architectural theory, history, technology and the design process. The first year is spent in the design fundamentals curriculum common to all students entering the School of Design. Design studios and academic support courses over the three subsequent years stress individual development with, importantly, the students' active participation in the education process. This pre-professional foundation seeks to develop abilities to analyze, synthesize and communicate, preparing students for advanced study leading to professional degrees.

The post-graduate Bachelor of Architecture program provides an intensive fifth year for students who want an alternative to the Master of Architecture, which typically requires two years of graduate study. Additionally, the M.Arch. program offers the opportunity for candidates without prior training to enter the profession, an acknowledgement that broad and varied experience can enrich the practice of architecture. This track normally requires four semesters of preparatory work before entering the final two year program of graduate study.

The Architecture faculty offers an array of support courses in history, theory, building technology, graphics, and computer methods, allowing students to tailor their education toward personal goals. The ability to enroll in courses and studios in other disciplines within the School of Design — landscape architecture, design, industrial design and graphic design allows students to investigate those perspectives as well.

Recent Visiting Lecturers & Critics

Graham Adams, Adams Group, Charlotte

Anthony Ames, Atlanta, GA

Steve Badanes, Jersey Devil Architects, MS

John Clark, Washington, D.C.

W.G. Clark, University of Virginia

Randy Croxton, Croxton Collaborative Architects, NYC

Elizabeth Diller, Princeton University

John Fish, Durham, NC

Robert Frasca, Zimmer Gunsul Frasca Partnership, Portland, OR

Ernst Hoffman, Vienna, Austria

Ralph Johnson, Perkins & Will, Chicago

Gerhard Kallman, Kallman, McKinnell, & Wood, Boston

Robert Kliment, RM Kliment + Frances Halsband Architects, NYC

Sam Mockbee, Jackson, MS

Charles Moore, University of Texas, Austin

Julia Robinson, University of Minnesota

Georg Schoenfeld, Vienna, Austria

Warren Schwartz, Schwartz/Silver, Boston

Marta Tornero, Greensboro, NC

Jack Travis, JTA, NYC

Cynthia Weese, Weese Langley Weese, Chicago

Tod Williams, NYC

Harry Wolf, Ellerbee Becket, CA



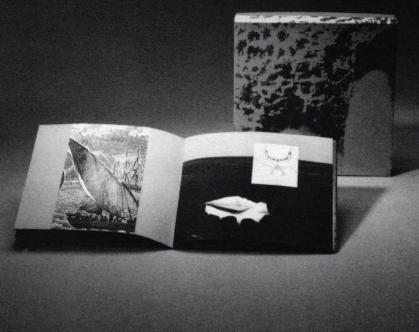


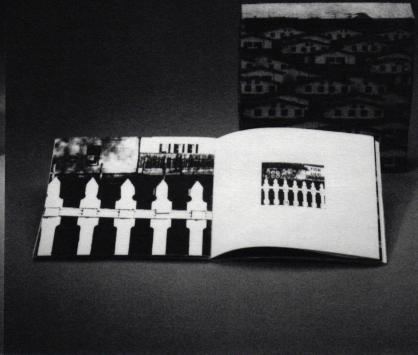
DEPARTMENT OF

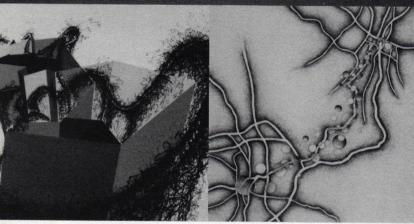
Graphic design is the process of giving visual form to purposeful communication. Using words and images, graphic designers express qualitative messages intended to inform, persuade or incite to action an audience. The education of a graphic designer involves learning to apply creative intellect and critical thinking to social problems; to evaluate messages that shape and reflect a diverse culture, and to invent problem-solving strategies that recognize effective communication as the core of successful social structures. In our fast-paced and rapidly changing culture, tomorrow's effective designers will be comfortable exploring an array of ever-evolving communications technologies.

The graduate and undergraduate programs share the broad objective of producing responsible, humane, intellectually curious, and technologically adept communica-

tion design professionals.







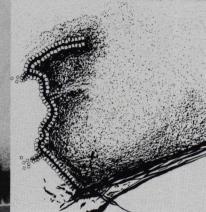
Jennifer Elfrey, Experiential Map Instructor: Blauvelt



Leigh Salmon, Experiential Map Instructor: Blauvelt



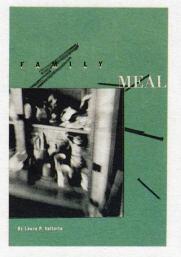
Meri Kotlas, Experiential Map Instructor: Blauvelt



Maryam Paydarfar, Experiential Map Instructor: Blauvelt



Kelly Howe, Book Cover: Family Meal Instructor: Scotford



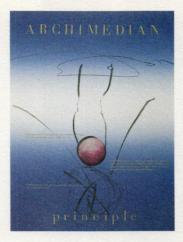
Bobby Rock, Book Cover: Family Meal Instructor: Scotford



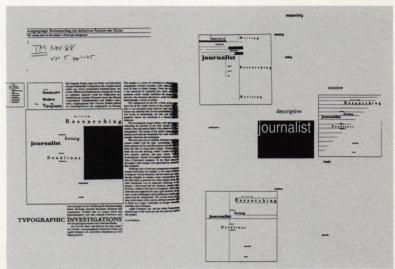
Paul Rodriguez, *Heroin Addiction* Instructor: Blauvelt



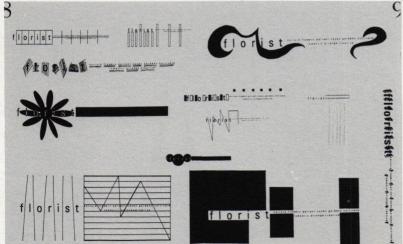
Mary Frances Bush, *Magnification* Instructor: Blauvelt



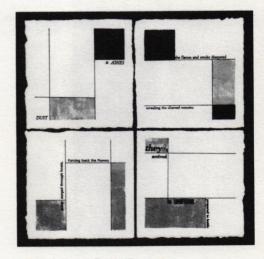
Michael Jennings, *Archimedian Principle* Instructor: Blauvelt



Bobby Rock, *Type II Book: "Journalist"* Instructor: Lowrey



Kelly Howe, *Type II Book: "Florist"* Instructor: Lowrey

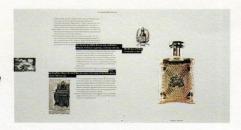


Kimberly Horner, *Type II: "Fireman"* Instructor: O'Toole



Heather Hensley, Meredith Brickell, and Shelley Grundler Kiosk: "It's Not Wrong,..." (Intolerance) Instructor: Spadaro

Forrest King, Advanced Type: "They Laughed When I Sat Down" Instructor: Blauvelt

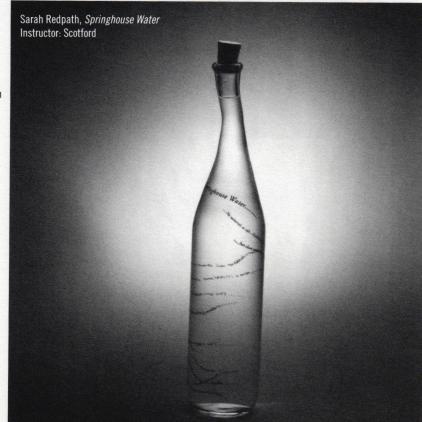








Kristi Best, Kristi Drum, Maureen McCord, and Anne Bowling, *Kiosk: "Research, Tenure, Education"* Instructor: Spadaro



John DiMelio, Ron Matthews, and Gina Thompson Kiosk: "The Work They Do..." Instructor: Spadaro

Jenny Hastings, *Literacy Poster* Instructor: Bush



Jim Deskevich, *Literacy Poster* Instructor: Bush



Susanne Avery, *\$2 To Spend: A Visual Record* Instructor: Spadaro

Jim Deskevich, \$2 To Spend: A Visual Record Instructor: Spadaro

Corbett Marshall, \$2 To Spend: A Visual Record Instructor: Spadaro

Karin Johnson, \$2 To Spend: A Visual Record Instructor: Spadaro



Craig Premo, Rhetorical Analysis: Battleship Potemkin Instructor: Bailey



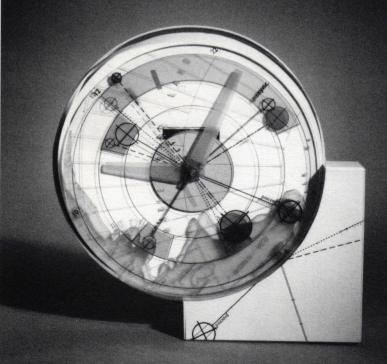


Clark Coggin, Image Mediation: "Father Figure" Instructor: Blauvelt

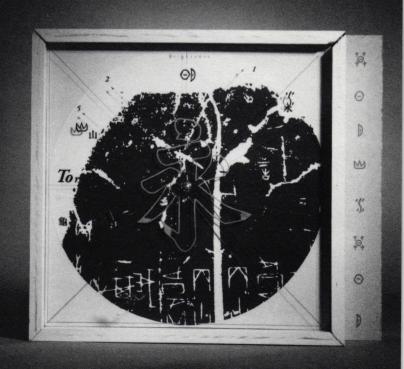
Harold and the Boys Instructor: Bailey



Instructor: Bailey



Michelle Mar, Clock for a Paleographer Instructor: Bailey

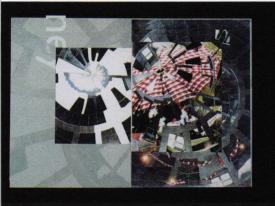


Matthias Brendler, *Type II: Gallery Business System* Instructor: Bush





Regina Rowland, *Image Mediation: "Journey"* Instructor: Blauvelt

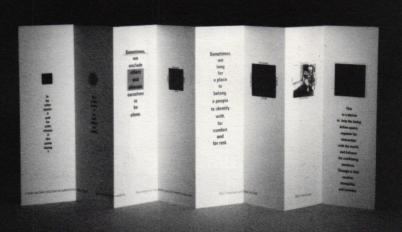






Michelle Mar, *Image Mediation: "Half Hidden / Half Visible"* Instructor: Blauvelt









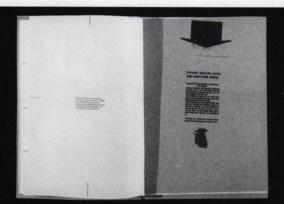




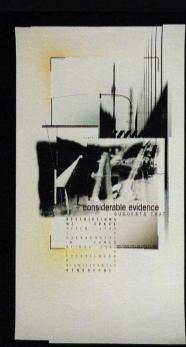
Cindy Catella, "Go Shopping," Self-Portrait Instructor: Lowrey

Jeffrey Rooney, Class / Style Analysis: "Bad-Awful, Undesigned, Designed, & Conceptual" Instructor: Lowrey











Michael Shea, *Public / Private Posters* Instructor: Bush

Ned Irvine, *Public / Private Poster* Instructor: Bush



Natalie Buda, Class / Style Analysis: "Naive, Functional,

Classical, & Experimental" Instructor: Lowrey

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with enisons









Left: Natalie Buda, Great Ideas Revisited Instructor: Blauvelt

Right: Bongkoch Triswasdi, Great Ideas Revisited Instructor: Blauvelt

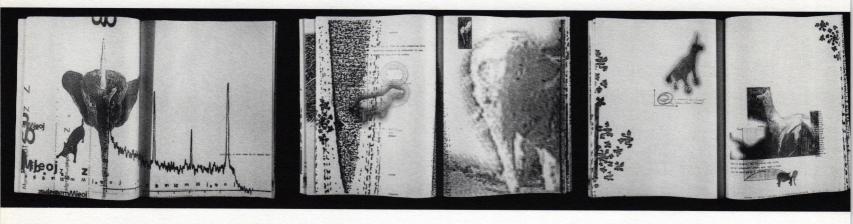




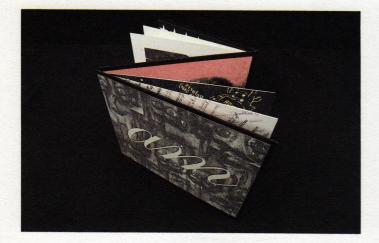


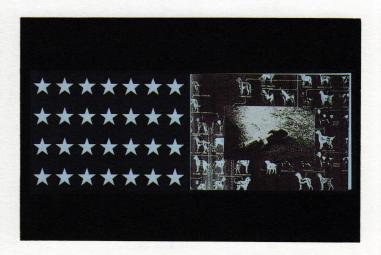
Jeffrey Rooney, "Multiculturalism, The New Racism" Instructor: Lowrey

Michael Schmidt, *Book Design* Instructor: Lowrey



Ned Irvine: *Theory Shift: "I Am"* Instructor: Bush





Faculty

Professor Meredith Davis, Head of the Department

Professor: Austin Lowery

Associate Professor: Martha Scotford

Assistant Professors: Kermit Bailey

Andrew Blauvelt

Joani Spadaro

Scott Townsend

Visiting Assistant Professor: Anne Bush

Visiting Lecturers: David Chapin

Kathleen O'Toole

John Pickel

Molly Renda

Meg Revelle

Paula Siwek

Barbara Weidemani



The curriculum balances the theoretical and pragmatic aspects of graphic design. The Bachelor of Environmental Design in Graphic Design provides students with general preparation for entry to the field while ensuring they receive a broad general education. After a year with other School of Design freshmen in the Design Fundamentals program, graphic design students are exposed to a range of handmade and machine produced image-making processes. Studios explore a variety of communication vehicles with the power to shape attitudes and behavior, progressing generally from abstract to specific applications that exercise and expand problem-solving skills.

The graduate program concentrates in greater depth on research, methodology, criticism, and design leadership in the communication environments of the future. Of particular concern are contextual issues such as cultural theory, history and linguistics; questions of psychology and cognition, such as the fragmentation of audiences, and investigation of new visual aesthetics created by technological advances in, for example, animation and digital imaging. Future-oriented, the department seeks to anticipate and examine new roles for graphic design in the rapidly changing information environment.

Students enter the Master of Graphic Design program from undergraduate design programs as well as from professional graphic design backgrounds. Additionally, the department accepts some students from other undergraduate disciplines and professions who wish to explore the relationship of graphic design to their primary field. The resulting rich mix of students, combined with the proximity of students in other disciplines within the School of Design, provides many opportunities for creative, collaborative inquiry.

Recent Visiting Lecturers

Andrew Altmann, Principal Why Not Associates, London

Judy Anderson, Professor University of Washington, Seattle

Elizabeth Diller, Partner Diller+Scofidio, New York

Gert Dumbar, Principal Studio Dumbar, Den Haag

Allen Hori, New York

Siobhan Keaney, London

Ellen Lupton, Curator Cooper-Hewitt Museum, New York

Armand Mevis & Linda van Deursen, Amsterdam

Jan van Toorn, Director Jan van Eyck Academie, Maastricht

Tom Wedell, Partner Skolos Wedell, Inc., Boston

Rick Vermeulen, Principal Hard Werken, Rotterdam



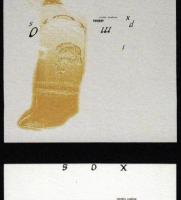


Instructor: Lowrey



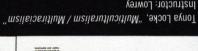
Michael Schmidt, Advanced Type Design: Morphic

Instructor: Blauvelt













DEPARTMENT OF

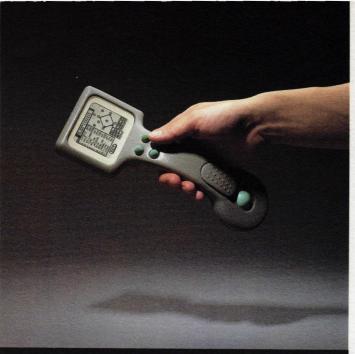
The Department of Industrial Design offers theoretical and practical training for undergraduate and graduate students. The field of industrial design is concerned with the human and environmental aspects of machine-made products. Professional designers seek to optimize the value, function and appearance of products and product systems to the mutual benefit of user and manufacturer. Emphasizing human characteristics, needs and interests, designers combine a skilled understanding of visual, tactile, safety, and convenience criteria with practical knowledge of manufacturing and marketing. Respect for the environment, for the public's safety and well-being, and for ethical business practices are regarded as fundamental concerns that guide the process of industrial design.

The Department aims to produce responsible, humane, intellectually rigorous and technologically competent professional designers who are committed to excellence

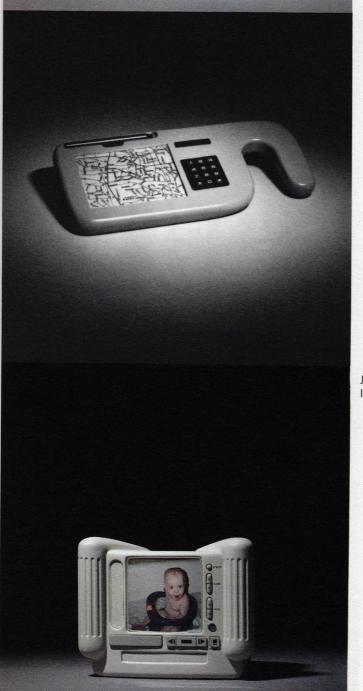
and who appreciate the possibilities of lifelong personal development.

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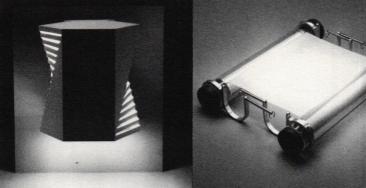


Matthew Williams, *Hand-Held Stat-Recorder* Instructor: Foote



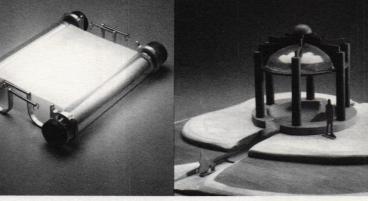
Chris Guthrie, *Portable Electronic Map* Instructor: Hooper

John Koenig, *Space Saver Kitchen TV* Instructor: Khachatoorian



Benjamin Galata, *Tracing Paper Organizer* Instructor: Hooper

Marc McClure, *Rib Lamp* nstructor: Khachatoorian



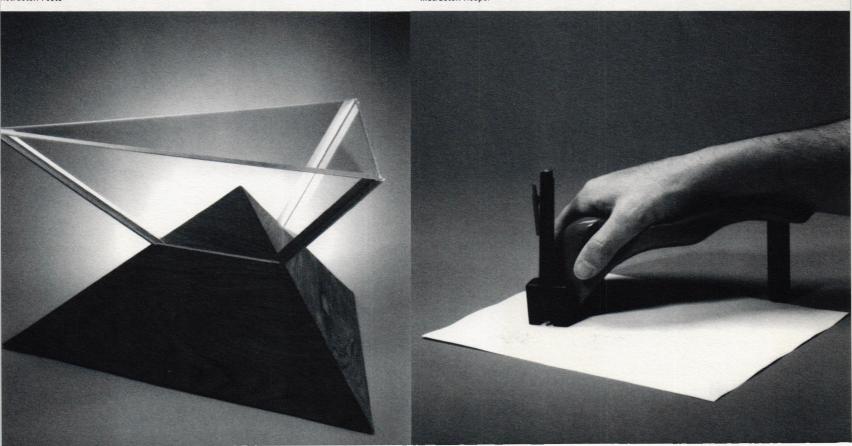
Stoel Burrows, *Sound Temple* Instructor: Cooke



Robert McRorie, *Adjustable Wrench* Instructor: Hooper

Sinde Ocampo, *Totally Triangular Table* nstructor: Foote

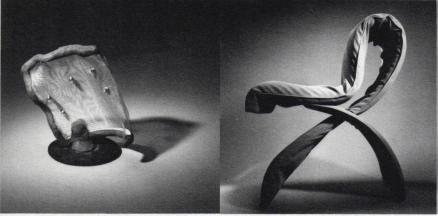
Philip Ruth, *Writing Aid for Arthritic Patients* Instructor: Hooper



Chris Yonge, *Wave Form Study: Lamp* Instructor: Floyd

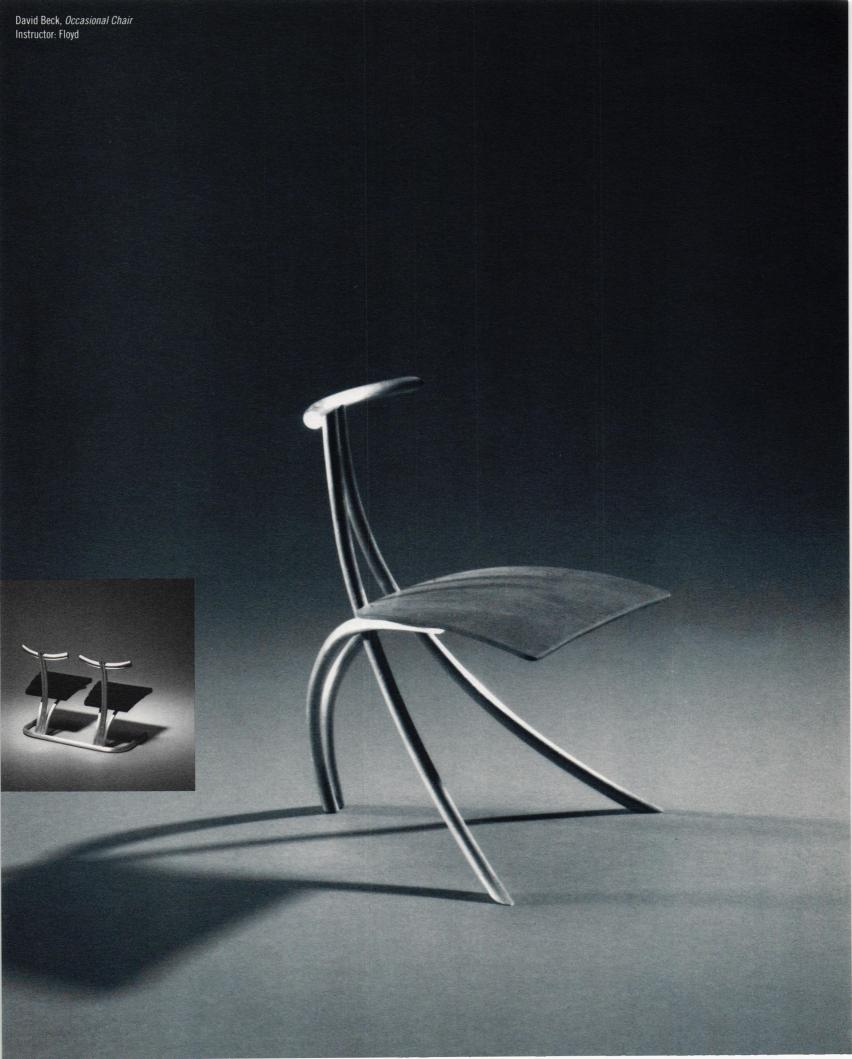
Stoel Burrows, *Bentwood Chair* Instructor: Cooke

David Beck, *Office Seating Unit* Instructor: Floyd









Professors: Vincent M. Foote

Haig Khachatoorian

Associate Professor: Armand Cooke

Adjunct Associate Professors: Alfonso Merino

Michael Jones

Assistant Professor: Percy Hooper

Visiting Assistant Professor: Charles Floyd



The Bachelor of Environmental Design in Industrial Design degree prepares undergraduate students for entry into the profession. Building on the School of Design's freshman-year Design Fundamentals program, the Industrial Design curriculum directs the students' education to skills associated with product development. Early courses pay particular attention to problem definition and to the ideation process. The focus of each semester thereafter is the studio, where students confront prototypical problems, for which they design, present and evaluate various solutions.

The graduate program, leading to the Master of Product Design degree, provides more specialized instruction that prepares students for careers in research, design development and education. Seeking diversity, the Department offers curricular tracks to suit students of widely varied backgrounds. Track 1 is for candidates with a four-year undergraduate degree in product or industrial design. Degree requirements may be completed in two years of full-time study. Track 2 is for candidates with an undergraduate degree in industrial design and two or more years of significant work experience in the field. Degree requirements may be met in 3 semesters. Track 3 is for candidates with degrees in other fields and typically requires two years of preparatory work before two final years of graduate study.

Recent Visiting Lecturers & Critics

lan Barker, Assistant Dean, Buckinghamshire College of Higher Education, England

Deanne Beckwith, Design Management Institute

David Bennett, Patent Attorney

George Beylerian, VP and Creative Director, Steelcase Design Partnership

Kenneth Eales, SCORE Representitive

Dr. Fabio Fabiano, University of Maryland

Adam Kallish, Michael Glass Design

William Lyon, GE Plastics Division

James Mueller, Design Consultant

Dr. Henry Petroski, Author, Duke University

Gregory Pitts, David Edwards Furniture

Sohrab Vossoughi, President, Ziba Design

Chipp Walters, Design Edge

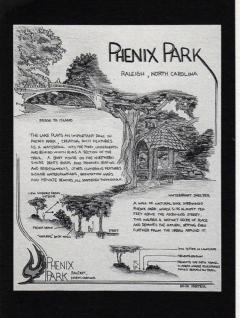


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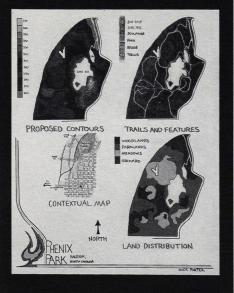
The Department of Landscape Architecture prepares students to practice in diverse and growing design profession that combines art, science, engineering, and technology. Landscape Architecture at the School of Design is especially concerned with the stewardship, restoration, and the regeneration of the physical and cultura environment, in both urban and rural settings. The 1990s is a decade of reemerging environmental awareness, and the programs for undergraduate and graduate students focus on fostering a commitment to excellence and on developing the skills necessary to deal creatively and responsibly with the forces —both human and natural— that inevitably shape the land. The Department aims to produce landscape architects and planners with a strong design perspective who are capable of working at a range of scales and with a variety of project types, from laying out new cities to preserving natural habitats to creating recreational spaces.

Historically landscape architecture graduates have been employed by private design practices, public land planning agencies, and private land trusts. Landscape architecture is a diverse profession dealing with the landscape as the context for human and environmental interaction —at scales ranging from urban courtyards and spaces of less than an acre to regional siting and design efforts for areas as

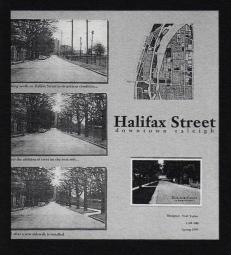




Nick Porter, *Phenix Park Project* Instructor: Raval



Nick Porter, *Phenix Park Project* Instructor: Raval



Neal Taylor, *Computer Visualization: Halifax Court* Instructor: Raval

Ben Hamilton, *Lake Boone Center Parking Lot Redesign* Instructor: Raval

Left:

Right:

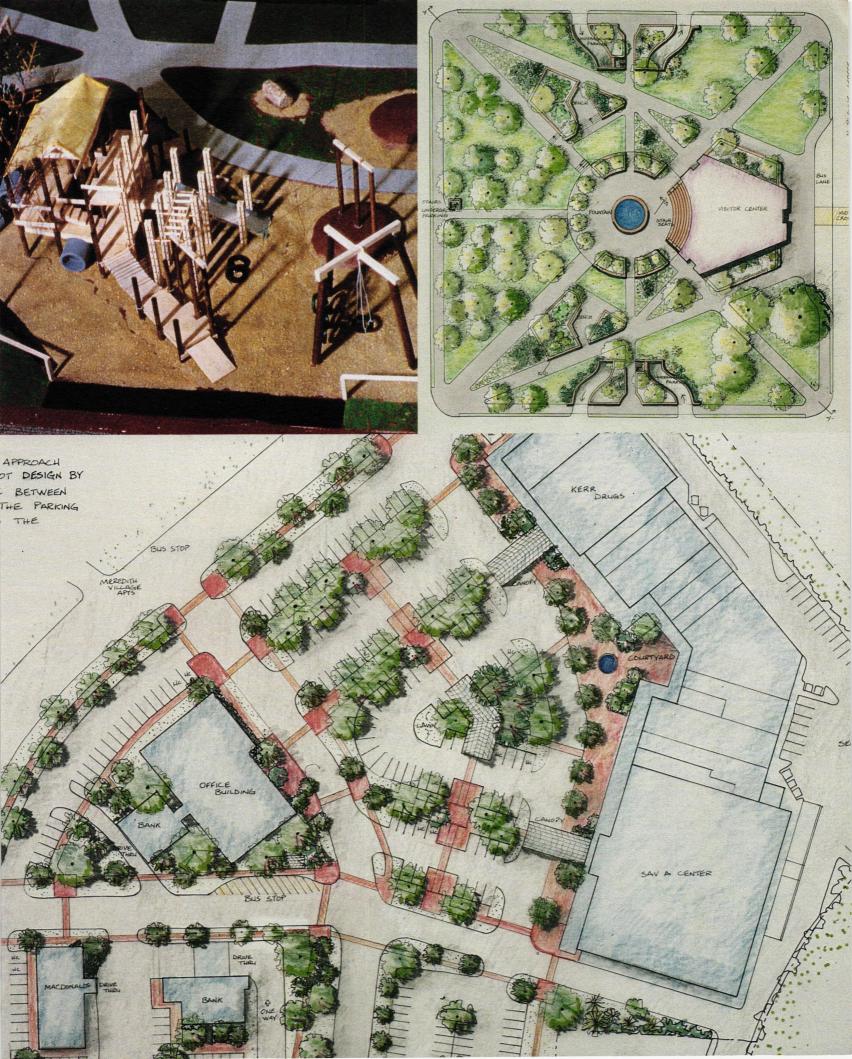
Central Playspace

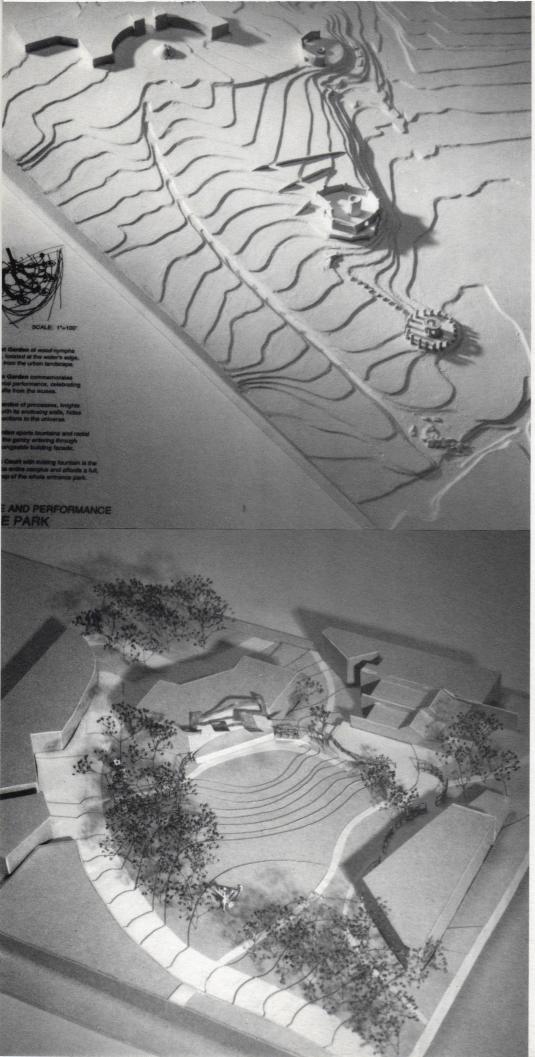
Instructor: Raval

Instructor: Raval

Rebecca Galloway, Eastwood Community

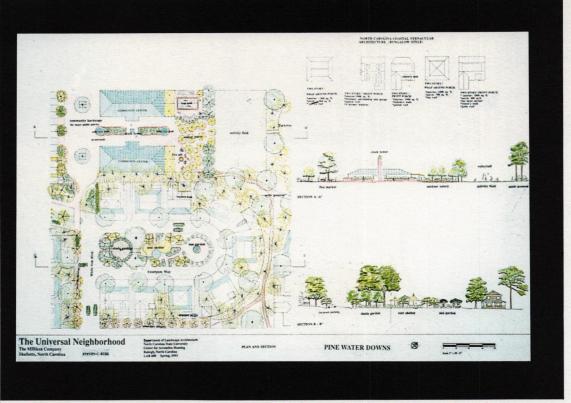
Bill Hamilton, Master Plan for Triangle Park





Michael Layne, N.C. School of the Arts Instructors: Magallanes & Batchelor

Beth Hesler, *N.C. School of the Arts* Instructors: Magallanes & Batchelor



Steven Russ, *Universal Neighborhood* Instructors: Moore & Alguire

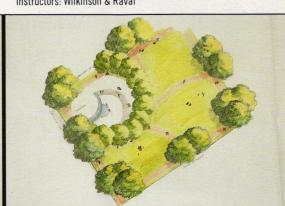
Uli Gratzl, *Universal Neighborhood* Instructors: Moore & Alguire



Marilee Martin, *Introductory Studio Project* Instructors: Wilkinson & Raval



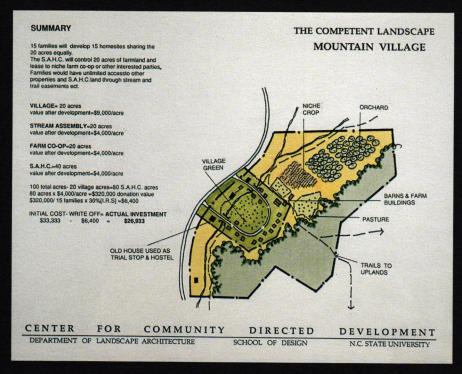
Jeff McSwain, *Introductory Studio Project* Instructors: Wilkinson & Raval

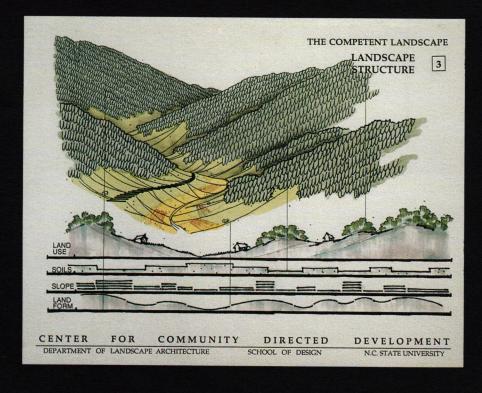


John Marchi, *Universal Neighborhood* Instructors: Moore & Alguire

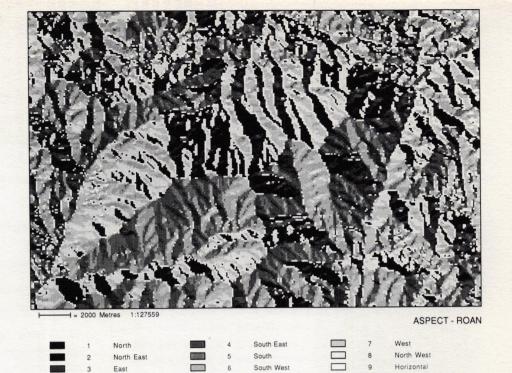


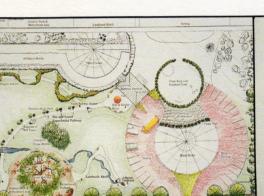
Jeff McSwain, Amy Fahmy, Charles Oxendine, Jay Tomlinson, Margarita Scheineman: Roan Mountain Lanscape Planning Study Instructor: Wilkinson





Various Students, *Roan Mountain Resource Analysis & Computer Assisted Planning* (Sponsor: S.A.H.C.) Instructors: Rice & Pittman





Instructors: Moore and Alguire

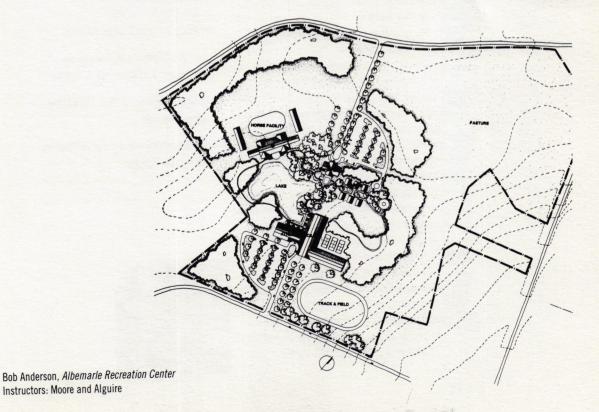
Michael Layne, Universal Garden NCSU Arboretum (detail) Instructors: Moore & Alguire



Ester Magathan, Kathryn Ross, & Mary Snyder, UNC-Chapel Hill Cluster Plan (detail) Instructors: Moore & Batchelor



Amanda Bosch, David Hinkle, & John Marchi, Albemarle Recreation Center Instructors: Moore & Alguire



Faculty

Professor Art Rice, Head of the Department

Professors Emeritus: R.E. Stipe

Professors: Robin Moore

R.R. Wilkinson

Denis Wood

neritus: R.E. Stipe E.G. Inur

E.G. Thurlow

Associate Professors: Angelo Abbate

Assistant Professors: Fernando Magallanes

Shishir Raval

Adjunct Professors: Charles Flink

Charles Roe

Omsili Nava

Associate Faculty:

Hugh Devine, Parks, Recreation, Tourism Mgt.

W.E. Hooker, Horticultural Science

J.C. Raulston, Horticultural Science

Tracy Traer, Horticultural Science

Deborah Dalton

Recent Visiting Lecturers & Critics

Arthur Bartenstein, SWA Group, California

George Briggs, Director, N.C. State University Arboretum

Lynn Cox, Director, Southern Appalachian Highlands Conservancy, N.C. & TN

Page Crutcher, Conservation Fund, Chapel Hill, N.C.

William Flournoy, President, Triangle Land Conservancy, Raleigh

Richard Hawks, Chair, Landscape Architecture, Syracuse University

lan McHarg, Professor, University of Pennsylvania

Dr. Victor Pankrotov, Russian Academy of Sciences Exhibition Center

Kenneth Polakowski, Chair, Landscape Architecture, University of Michigan

Dr. Carl Steinitz, Professor Graduate School of Design, Harvard

David Streatfield, Chair, Landscape Architecture, U. of Washington, Seattle

Rodney Swink, Director, N.C. Main Street Program, Raleigh

Larry Zucchino, Principal, Paton/Zucchino & Associates, Raleigh



Through a comprehensive design education, the program seeks to develop each student's intellectual capacity and to equip graduates with the awareness and skills needed to allow them to contribute directly to the quality of the natural and built environment. Classroom study of construction materials and methods, ecology and plant materials, site planning, graphic communication, and community design are applied to real-world design problems in landscape architecture studios.

The graduate program encourages the development of intellectual independence through a flexible sequence of advanced studios and academic studies. Candidates for the accredited, professional Master's degree pursue study in aspects of landscape architecture related to detailed design, site planning, community design, and environmental management. The majority of candidates have strong academic and professional backgrounds in areas other than landscape architecture, and they build on those unique and diverse life experiences in their three academic years in the program. Those with prior relevant training may receive advanced standing. Course work exposes students to graphic techniques, construction methods, site, community, and regional design problems and other skills and theoretical issues pertinent to the profession. In the studio sequence, the first semester Introduction Studio stresses the overall site planning process and introduces students to the Department's faculty and orientation. Later studios present problems that require deeper investigations into issues that confront landscape architects and society. An interdisciplinary studio allows direct contact with students in architecture and other disciplines in the School. Students, working with a committee of faculty, have the opportunity to pursue an independent final project or a sixth graduate studio.



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STUDY ABROAD

The School of Design offers numerous opportunities for study abroad, through formal programs and exchanges with other institutions as well as through individual

and departmental initiatives.

The School of Design is in the process of establishing a permanent European study and research center in Berlin. The Berlin Academy will operate throughout the year offering individual and multi-disciplinary programs and research opportunities in architecture, graphic design, industrial design, landscape architecture, regional and urban planning, textile design, engineering, and related fields. In contrast to traditional study abroad programs, the Berlin Academy emphasizes positive interaction between the design disciplines and those of engineering and the humanities, particularly as they relate to German culture and industry. The establishment of the European study center in Berlin reconnects the School of Design with its philosophical roots in the Bauhaus.

Another foreign study opportunity comes through a six week summer program in Prague for students in art, design, architecture, landscape architecture and urban design. Courses are taught by University faculty and instructors at the Academy of

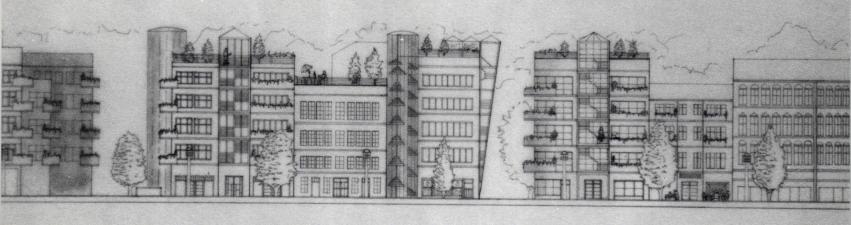
Applied Art and the Czech University of Technology.

Through a cooperative arrangement with the School of Architecture at Tulane University, School of Design students may enroll in a design studio and architectural

media courses taught in Greece.

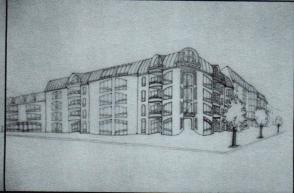
The School also encourages students, at their initiative, to propose to department heads unique foreign study experience, for which they could receive Independent Study or special course credits. Students have, through the University, attended courses abroad in countries such as England, Italy, Spain, and the Netherlands.

PROGRAMS

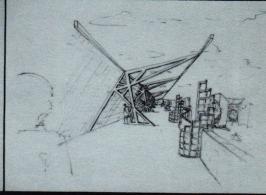




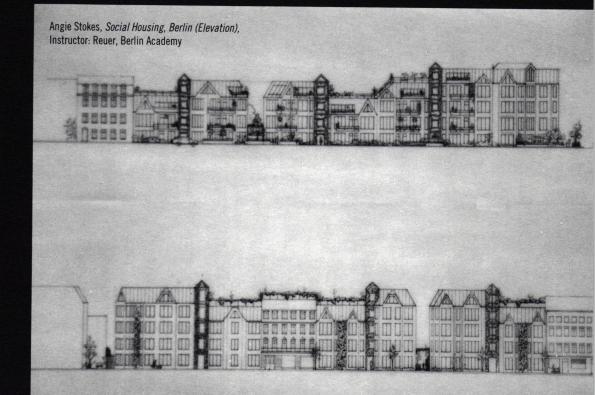
Vicci McCourt, *Social Housing, Berlin (Perspective),* Instructor: Reuer, Berlin Academy

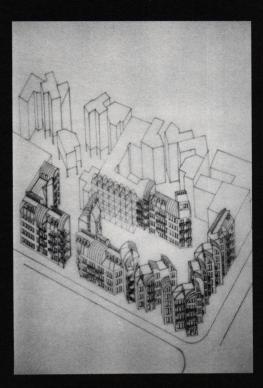


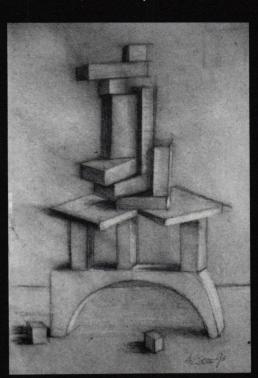
Eric West, *Social Housing, Berlin (Perspective),* Instructor: Reuer, Berlin Academy



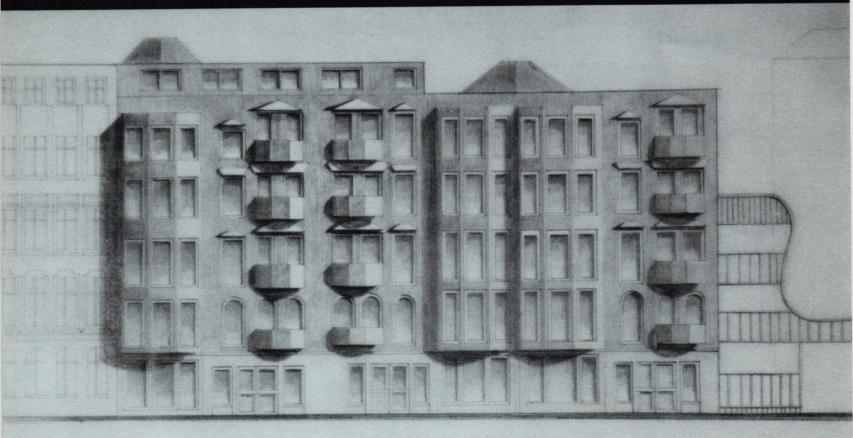
Chris Glaubitz, *Social Housing, Berlin (Perspective),* Instructor: Reuer, Berlin Academy







Ramona Bultman, *Social Housing, Berlin (Elevation),* Instructor: Reuer, Berlin Academy



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J. Patrick Rand, Interim Associate Dean for Research and Associate Professor

Virginia W. Aldridge, Administrative Assistant II, Administrative Assistant to the Dean Patricia E. Harris, African-American Coordinator Ann E. Sundberg, Director of Development Kathryn B. Hardee, Administrative Secretary V, Secretary to the Associate Dean for Research and Coordinator of Information

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Hazel G. Tutor, Clerk IV, School of Design Registrar Kathryn R. Whaley, Departmental Budget Clerk Mary Ann Yates, Clerk-Typist III, Receptionist

Environmental Simulation Laboratory

W. Wayne Godwin, Learning Resource Specialist and Director of the Laboratory

Materials Laboratory

Richard E. Goldberg, Learning Resource Specialist and Director of the Laboratory I. Jack Lancaster, Laboratories Mechanic II Keith B. Yow, Laboratories Mechanic II

Media Resource Center

William K. Bayley, Learning Resource Specialist and Director of the Laboratory

School of Design Library

Caroline Carlton, Design Librarian Lynn Crisp, Assistant Librarian Dot Hunt, Assistant Librarian Sherry Johnson, Assistant Librarian

Virtual Environments Laboratory

Kenneth B. Pittman, Research Associate and Director of the Laboratory

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