

BE THREE Architecture

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OBJECTIVES: To find a synergetic collaborative home for my dual passions of healthcare planning/design along with teaching design and research-based design in order to help enhance that Institution's overall academic healthcare planning, design, educational, and research capabilities in the process.

EDUCATION: **Master of Architecture - Clemson University - 1978-1980***
Concentration in Health Care Facilities Planning and Design within the Healthcare Facilities Design Graduate Studio
Bachelor of Science – Pre-Architecture – Clemson University - 1974-1978
* Includes a semester's study at the Center of Building Research and Urban Studies in Genoa, Italy, January-May 1979
WINNER: AIA National School Award for Design & Academic Excellence

PROFESSIONAL EXPERIENCE:

CLEMSON UNIVERSITY – Architecture +Health Graduate Studio
Clemson, South Carolina
DUTIES: Visiting Instructor
January 15, 2014 to current

BE THREE Architecture
Charleston, South Carolina
DUTIES: Owner/Principal
August, 2012 to current

LS3P ASSOCIATES, LTD.
Charleston, South Carolina
DUTIES: Vice President/ Principal - Director of the Healthcare & Technology Group
November, 1993 to July, 2012 (see attached Projects List)

LOCKWOOD GREENE
Spartanburg, South Carolina
DUTIES: Director of Design
June, 1989 to August, 1993 (see attached Projects List)

THE RATCLIFF ARCHITECTS
Emeryville, California
DUTIES: Project Architect/Project Designer
July, 1985 to June 1989 (see attached Projects List)

KAPLAN/McLAUGHLIN/DIAZ
San Francisco, California
DUTIES: Project Architect, Planner/Designer, & Job Captain
February, 1982 to July, 1985 (see attached Projects List)

MEDICAL PLANNING ASSOCIATES
Malibu, California
DUTIES: Programmer/Planner/Designer
November, 1980 to February, 1982 (see attached Projects List)

COLLEGE OF ARCHITECTURE, CLEMSON UNIVERSITY (George Means Jr, FAIA)
Clemson, South Carolina
DUTIES: Graduate Assistantship - including Studio Graduate Assistant teaching Undergraduate Design Studios as well as Apprentice Programmer/Planner/Designer under contractual agreement between South Carolina Mental Health Association and the Clemson Architectural Foundation
August, 1978 to May, 1979 plus August 1979 to December, 1979

JAMES HOWARD FOX, ARCHITECT
Highlands, North Carolina
DUTIES: Apprentice Designer/Draftsman
May-August 1978 and May to August, 1977

MILITARY SERVICE

UNITED STATES AIR FORCE from December 11, 1969 to December 10, 1973.

LS3P ASSOCIATES, LTD.
Selected Projects Experience



1. **Medical University of South Carolina - Ashley River Tower**
Masterplanning, for 5 phases of replacement Hospital and subsequent programming, planning, and design of 655,000 sf Phase 1 Replacement Hospital(in association with NBBJ)
Charleston, SC
Role: Principal-in-Charge – Lead Planner/Designer and Marketer
2. **Medical University of South Carolina - Central Energy Plant**
Masterplanning, for 5 phases of replacement Hospital including Central Energy Plant Feasibility Studies and subsequent programming, planning and design for 70,000 sf Central Energy Plant sized for all 5 phases of development
Charleston, SC
Role: Principal-in-Charge – Lead Planner/Designer and Marketer
3. **Medical University of South Carolina – Bee St. Parking Structure**
Programming, Planning, and Design for 1500 car garage as entry portal or gateway into MUSC Campus. Mixed Use tenant up-fits included 8000 sf Cardio Rehabilitation Center on the second and third floors of the garage and two retail tenant up fit spaces on the ground floor.
Charleston, SC
Role: Principal-in-Charge – Lead Planner/Designer and Marketer
4. **Medical University of South Carolina - Storm Eye Institute Addition**
Programming, Planning and Design of 43,500 sf, 4-story, vertical research lab addition to existing 5 story bldg
Role: Lead Designer/Principal-in-Charge
5. **Medical University of South Carolina - Children’s Research Institute**
Programming, Planning and Design of 122,500 sf research lab building addition to Basic Science Building including vivarium floor.
Charleston, SC
Role: Principal-in-Charge – Lead Planner/Designer and Marketer
6. **Medical University of South Carolina - College of Dental Medicine**
Programming, Planning and Design of 121,000 sf College of Dental Medicine
Charleston, SC
Role: Principal-in-Charge – Lead Marketer
7. **Westvaco Charleston Technical Center**
Programming, Planning and Design of 85,000 sf Research Lab building
North Charleston, SC
Role: Lead Designer/Principal-in-Charge – Lead Marketer
8. **Hampton Regional Medical Center**
Masterplanning, Programming, Planning and Design of 82,000 sf, 32 bed Replacement Hospital.
Varnville, SC
Role: Lead Planner and Designer/Principal-in-Charge – Lead Marketer
9. **Roper Hospital Chapel**
Programming, Planning and Design of 350 sf Non-denominational Chapel
Charleston, SC
Role: Lead Designer/Principal-in-Charge – Lead Marketer
10. **Roper Hospital - Bratney Atrium**
Programming, Planning and Design of 8500 sf vertical addition for Oncology Patient/Family Respite Area
Role: Lead Planner and Designer/Principal-in-Charge – Lead Marketer
11. **Charleston Cancer Center**
Programming, Planning and Design of 24,500 sf new Cancer Center
N. Charleston, SC
Role: Principal-in-Charge – Lead Marketer and front-end programming, planning and design consulting
12. **New Hanover Medical Center - Women & Children's Pavilion**
Planning and Exterior Design of 120,000 sf Addition
(in Association with HDR)
Wilmington, NC
Role: Consulting Principal – helped market and drafted front-end contacts as well as front-end planning and design

LOCKWOOD GREENE
Selected Projects Experience



THE RATCLIFF ARCHITECTS
Selected Projects Experience



1. **Toyota Technical Center**
Design of 120,000 sf Automotive Evaluation Laboratory and adjacent 80,000 sf Office Building with an atrium courtyard.
Ann Arbor, Michigan
Role: [Lead Designer](#)
2. **FMC - Research & Development Center**
Programming, planning and design for a new 24,000 sf Chemical Research Laboratory building with administrative support
Bessemer City, North Carolina
Role: [Project Manager & Lead Programmer/Planner/Designer](#)
3. **U.S. MEMORIES, Inc**
Conceptual design for High Tech Microelectronics campus with over 1,000,000 sf Microchip Production Facilities, including administrative support
New York, New York
Role: [Lead Programmer/Planner/Designer](#)
4. **Carson Products, Inc.**
Masterplanning, programming, planning, and design to renovate and improve functional efficiencies of over 250,000 sf of existing Cosmetics Production & Warehouse facilities, including programming, planning, and design of a new "freestanding" 15,000 sf Office Building for relocated offices.
Savannah, Georgia
Role: [Lead Programmer/Planner/Designer](#)
5. **Barnwell County Hospital**
Masterplanning, programming, and planning of over 30,000 sf of remodeling for existing Diagnostic and Treatment Services, as well as a new 10,000 sf Perinatal Services addition.
Barnwell, South Carolina
Role: [Project Manager & Lead Programmer/Planner/Designer & Marketer](#)
6. **B.J. Workman Memorial Hospital**
Programming, planning, and design of a 22,000 sf new addition that included a new Emergency department along with a new 20 bed nursing unit with all private beds. There was also 6500 sf of associated Surgery Suite renovations.
Woodruff, South Carolina
Role: [Project Manager & Lead Programmer/Planner/Designer & Marketer](#)
8. **Pinewood Resources Center**
Programming, planning, and design of 69,000 sf of renovation to convert a former Building Supply warehouse into 22,000 sf of Child Development Center Space and associated playgrounds as well as "satellite" Administrative functions, such as Business Office and Accounting, from main SRMC campus.
Spartanburg, South Carolina
Role: [Project Manager & Lead Programmer/Planner/Designer & Marketer](#)
9. **Spartanburg Regional Medical Center – Montgomery Nursing Tower**
Masterplanning, which led to subsequent programming, planning, and design of new 168-bed, 8 story, 220,000 sf nursing tower and 48,000 sf of renovation.
Spartanburg, South Carolina
Role: [Project Manager & Lead Programmer/Planner/Designer & Marketer](#)
10. **Meadows Memorial Hospital**
Masterplanning, programming, and conceptual planning for 45,000 sf new addition along with 30,000 sf renovation
Vidalia, Georgia
Role: [Project Manager & Lead Programmer/Planner/Designer & Marketer](#)
1. **Alameda County Mental Health Facilities**
120,000 sf Acute Psychiatric Inpatient/Outpatient facility - 80,000 sf of new construction and 40,000 sf remodel.
San Leandro, California
Role: [Project Manager & Lead Programmer/Planner/Designer](#)



2. **Children's Hospital - Oakland**
12,000 sf new Cafeteria addition, 30,000 sf of Outpatient Clinics, plus 20-25,000 sf of various remodel projects ranging from a 6,000 sf Level III Intensive Care Nursery to a 300 sf Playroom
Oakland, California
Role: Project Manager & Lead Programmer/Planner/Designer & Marketer
3. **Children's Hospital - Oakland**
Master Site Plan with potential Road Closure and diversion, various MOB and new Nursing Tower feasibility studies as well as free-standing research lab.
Oakland, California
Role: Project Manager and Lead Master Planner
4. **Kaiser Permanente Hospital System**
Master Site Plan and Conceptual Plans for a new 200 bed Hospital Campus
Fresno, California.
Role: Project Manager and Lead Master Planner
5. **Kaiser Permanente Hospital System**
Master site Plan and Preliminary studies for 200 bed replacement Hospital using phased demolition and construction in
Martinez, California.
Role: Project Manager and Lead Master Planner
6. **NorthBay Hospital System**
Master Site Plan Master Site Plan and Conceptual Plans for a new 200 bed Hospital Campus
Vacaville, CA
Role: Project Manager and Lead Master Planner

KAPLAN/MCLAUGHLIN/DIAZ
Selected Projects Experience



1. **California Hospital Medical Center**
200,000 sf of new construction - *won several design awards*
Los Angeles, California.
Role: Programmer/Planner/Designer
2. **St. Luke's Hospital**
60,000 sf of new construction for an Ambulatory Services Building
won local AIA and ASID/IIDA design awards
Kansas City, Missouri
Role: Programmer/Planner/Designer
3. **San Jose Health Center**
30-35,000 sf of new/remodel projects ranging from 6,000 sf Adolescent Care Unit to a 9,000 sf Oncology/Hospice Unit
San Jose, California
Role: Project Architect & Programmer/Planner/Designer
4. **San Pedro Peninsula Hospital**
Facilities and Site Master Plan for a 250 bed Hospital Campus
San Pedro, California
Role: Lead Master Planner
5. **St. Francis Hospital**
8,000 sf of remodel for an inpatient Psychiatric unit,
San Francisco, California
Role: Programmer/Planner/Designer
6. **Providence Hospital**
42,000 sf of Schematic planning studies for Medical/Surgical additions
Everett, Washington
Role: Programmer/Planner

MEDICAL PLANNING ASSOCIATES

Selected Projects Experience

1. **Veterans Administration Medical Centers**
Functional programming/planning and master site planning for 120,000 sf of Skilled Nursing Facilities, Psychiatric and Chemical Dependency Units and assorted Acute Care bed additions
V.A. Medical Centers, Sheridan, Wyoming and Grand Junction, Colorado
Role: Programmer/Planner/Designer and Lead Master Planne



2. **Industry Family Health Center**
180,000 SF of new construction for a 150 bed Hospital and 70,000 sf of new Clinics Building
City of Industry, California.
Role: [Medical Planner](#)
3. **East Oakland Family Health Center**
A Master Site Plan and functional program for 60,000 sf of new construction for a replacement Health Center
Oakland, California
Role: [Programmer/Planner/Designer and Lead Master Planner](#)

THESIS (Terminal Project)

"BIRTHING PLACE - AN ENVIRONMENT CONDUCIVE TO FAMILY-ORIENTED PERINATAL CARE". Clemson University, December 1980.

AWARDS

SCAIA MERIT AWARD - 2012 - Clemson University Belle W. Baruch Institute of Coastal Ecology & Forest Research
SCAIA Charleston Chapter Honor Award - 2010 - MUSC Ashley River Tower (in association with NBBJ)
SCAIA HONOR AWARD - 2008 - MUSC Ashley River Tower (in association with NBBJ)
SCAIA HONOR AWARD - 2005 - Westvaco Technical Center
SCAIA MERIT AWARD - 1998 - Roper Chapel Project
MODERN HEALTHCARE Magazine Honor Award - 1998 - Roper Bratney Atrium Cancer Center

TOYOTA TECHNICAL CENTER – Ann Arbor, Michigan
- AIA Award of Citation –1992 AIA San Fernando Valley Chapter
- AIA Award of Citation –1991 AIA Ann Arbor Chapter

CHILDREN'S HOSPITAL OAKLAND – Children's Outpatient Clinic - Oakland, California
- AIA Award of Merit – 1992 AIA San Francisco, Chapter
- Gold Nugget Merit Award – 1992 Pacific Coast Builders Conference
- Grand Award – 1991 [Builder's Magazine](#)
- BIG "I" Award – 1990 [Interiors Magazine](#)

HONORABLE MENTION - \$1000 Prize
UNIVERSITY OF MIAMI'S CAMPUS MASTER PLAN COMPETITION
Coral Gables, Florida - March, 1986

FIRST PRIZE - "HANDS ON STEEL" DESIGN COMPETITION, Spring 1977
(Sponsored by American Institute of Steel Construction, Inc.)
Acted as team leader of 4-man student team in the design, development, procurement of material, and actual construction of winning design - a tensile structure with attachable sun screen.

Miscellaneous additional ASID and IIDA Interiors Awards for Storm Eye, Roper Bratney Atrium, MUSC Heart & Vascular, Children's Research Center, College of Dental Medicine, Cannon Street MOB, Westvaco Technical Center, Westvaco Forestry Research Laboratory Complex and Transgenic Labs, Clemson Baruch, Central Carolina Technical College's Allied Health Building, etc.

PROFESSIONAL MEMBERSHIP

AIA - American Institute of Architects & Academy of Architecture for Health – since 1984
ACHA - American College of Healthcare Architects - Exam Committee Member 2007 – 2012
AIA/AHA - Academy of Architecture for Health - Research Initiatives Committee 2009 – 2014
AIA/AHA South Atlantic Region Healthcare Chautauqua – Founding Committee Member 2009 and subsequent Speaker and Topics Chairman, 2010, 2011, 2012, 2013 and 2014
Labs 21 Symposium – SC Conference Committee member and presenter – 2007
LEED AP – LEED Accredited Professional since 2008
EDAC – Evidence-Based Design Accredited since 2010
Center for Health Design – Pebble Research Depository Sub-Committee (w/AIA/AAH RIC) since 2009
American Society on Aging - National Co-chair of Housing Committee - 1986 and 1987

TEACHING

Visiting Lecturer – 2014 ARCH 8960 "Tectonic Projects" – First Year Graduate Studio
CLEMSON UNIVERSITY - Clemson, SC – Architecture + Health Graduate Studio

Critic - spring 1990, 1992, 1994, 1998, 2003, 2005, 2007, 2009, 2010, 2011, 2012
CLEMSON UNIVERSITY - Clemson, SC – Architecture + Health Graduate Studio
Graduate Thesis and Final Project reviews

Lecture and Critic - fall 1992, spring 1994, fall 1997, spring 2000, fall 2003, fall 2004, fall 2007, spring 2008 spring 2009, spring 2010, fall 2011, spring 2012
CLEMSON UNIVERSITY - Clemson, SC - Architecture + Health Graduate Studio

Lecture and Critic - fall 2003, spring 2005, fall 2007, spring 2009, spring 2011
CLEMSON UNIVERSITY - Charleston Undergraduate Architectural Studio, Charleston, SC

Lecture and Critic - Student Hospital Design Review at LS3P Office – Charleston, SC, fall 2002
SAVANNAH COLLEGE OF ART AND DESIGN - Undergraduate Architectural 5th year Studio

Lecture and Critic - December, 1985 to June 1986 - 3rd & 4th year Design Studios
(See 1986 A.S.A. conference Lecture below)
"Intergenerational Housing - Designing for Choice in the Built Environment."
CALIFORNIA COLLEGE OF ARTS AND CRAFTS - Architectural Studies
San Francisco, California

Critic - 2nd Year Design Studio - August 1983 to December 1983
UNIVERSITY OF CALIFORNIA – BERKELEY - Berkeley, California

Graduate Teaching Assistantship: First Year Design Studio - August 1979 to May 1980
COLLEGE OF ARCHITECTURE, CLEMSON UNIVERSITY
Clemson, South Carolina

LECTURES

2011 SC Lowcountry Green Building Council Meeting – Presentation of Clemson University's Belle Baruch Institute Center for Coastal Ecology and Forestry – a Gold LEED certified building.

2011 Clemson University Architecture + Health Graduate Studio – OR Planning & Design Lecture and Tour of MUSC ART and Surgical Pavilion

2010 AIA/AAH South Atlantic Chautauqua – Moderator for Panel Discussion on the future of Rural Community Hospitals

2010 Clemson University A+H Graduate Studio – Hospital programming and planning and MUSC ART and HRMC presentations

2010 SC American Planning Association Annual Conference - Sustainability Conference - Moderator and Presenter – "Planning for Building Sustainable Facilities in a remote Rural Setting"

2007 Labs 21 Symposium Panel Discussion Moderator and MUSC Lab Tours Leader/Organizer

2003 A Symposium & Workshop Dedicated to the Conscious Creation of Health Environments.
Presenter for MUSC Ashley River Tower Case Study Panel Discussion

1992, 1994, 1997 Clemson University Architecture + Health Graduate –
Acute Care Hospital Planning & Design and Spartanburg Regional Medical Center Projects

"PARTNERSHIPS IN HOUSING: CAN THE FOR-PROFIT AND NOT-FOR-PROFIT SECTORS WORK TOGETHER TO FILL THE CONTINUUM GAP?" - March, 1987.
Full day Intensive @ Amer. Society on Aging's National Convention in Salt Lake City
Served as Chairperson/Moderator/Organizer for Panel Discussion and Site Tours.

"HOUSING THE MISSED MARKET - THE TEAM APPROACH" - March, 1986
Full day intensive @ American Society on Aging's National Convention in San Francisco
Served as Chairperson/Moderator for Panel Discussions as well as the Organizer of the day's events that included Site Tours of exemplary projects followed by a reception featuring Intergenerational Housing Projects-in-Work mentioned under TEACHING EXPERIENCE.*

"THE PERFECT DICHOTOMY: MONUMENTAL IMAGERY WITH A HUMAN SCALE"
An analysis of selected works by Alvar Aalto. Lecture to First Year Studio - spring 1980.
Subsequent lectures @ Medical Planning Associates, Kaplan/McLaughlin/Diaz, and the Ratcliff Architects and PFVS in Atlanta in 1999

"SKETCHBOOKS - TOOLS FOR DESIGN"
A demonstration of sketchbook documentation of design thoughts and processes through the sketchbooks of Alvar Aalto, Le Corbusier, and my own personal journals. Lecture to First Year Studio - Clemson University, Fall, 1979

PUBLICATIONS

"DESIGNING THE RURAL HOSPITAL OF THE FUTURE"
Healthcare Design Magazine – August 2010
Co-authored with Dave Hamill, CEO for Hampton Regional Medical Center
<http://www.healthcaredesignmagazine.com/article/building-rural-hospital-future>

"AN INTERACTIVE MODEL FOR MASTER SITE PLANNING"
Hospital Topics Magazine – November/December, 1987
Co-authored with/Clifton Louie, Vice President at Children's Hospital Oakland

REFERENCES

Provided upon request.