DWIGHT L. FINCHER, AIA, CDT

PRINCIPAL / PROJECT DESIGNER

Dwight Fincher serves as project designer and planner on many of Wilmot/Sanz' largest healthcare facility design projects, including hospital expansions and modernizations. He has extensive knowledge of the design, technical, and management aspects of the architectural profession, including design team leadership, scheduling, production of contract documents, and construction administration. Dwight has 15 years of experience in healthcare facilities design, with a proficiency in projects that demand careful planning and construction phasing. He is a member of the American Institute of Architects; his registrations also include certification as a Construction Document Technologist.

"OUR GOAL AS DESIGNERS IS TO DEVELOP AN APPROPRIATE PROJECT SOLUTION BY ARTICULATING, IN THE LANGUAGE OF BUILDING, THE COMBINATION OF REQUIRED PROGRAM WITH THE DESIRED IMAGE, RESPONDING TO THE MISSION AND CONSUMER DRIVEN DEMANDS FOR PATIENT CENTERED CARE AND AESTHETIC DESIGN.
DWIGHT FINCHER, AIA

EDUCATION

Bachelor's Degree in Architecture, 1987—University of Oklahoma

PROFESSIONAL REGISTRATIONS

Architectural Registration: Washington, D.C.
NCARB Certification
Construction Document Technologist

PROFESSIONAL ACTIVITIES

American Institute of Architects

EXPERIENCE

St. Lukes Hospital & Health Network - new digital hospital
Bethlehem, Pennsylvania
Project designer for a new full-service 150 bed digital hospital to be built on a 180 acre medical campus at the intersectioin of routes 78 & 33 in the Bethlehem township. The project will be the first phase of a new stte-of-the-art medical campus master planned to expand into a 600 bed tertiary medical center.

Inova Heart and Vascular Institute at Fairfax Hospital
Falls Church, Virginia
Project designer of a new $80-million heart institute for one of the nation's leading centers of cardiology and cardiac surgery. The 360,000-SF facility will include a 156-bed tower, six cardiovascular operating rooms, seven cardiac catheterization labs, four EP labs, holding and recovery areas, and research, education, and administrative space.

Christiana Hospital 2010 Project
Newark, DE
Architectural designer for the 2010 expansion on the Christiana Hospital campus that will create an integrated Cardiac and Vascular Center of Excellence and provide additional beds needed through the end of this decade, while enhancing education capabilities for staff and the community. The new clinical care and education initiative for the Christiana Health System will add 216 beds including 186 inpatient beds and 30 short-stay beds, add operating rooms and emergency exam rooms, expand Christiana Care's cardiovascular program with an integrated suite of Cardiac and Vascular interventional rooms, and create 800 additional parking spaces. A state-of-the-science education center will be established in partnership with the Delaware Academy of Medicine.

CONNIE FAN, ASLA, LEED AP

Principal/Landscape Architect

Ms. Fan is a practicing landscape architect with 12 years of experience in the Washington, DC area. She is capable of coordinating projects both within the office and among project team members. Trained both in architecture and landscape architecture, she is able to work on a variety of projects ranging from commercial, institutional and planning projects to public streetscape revitalization projects. Recent office projects include the following:

- **Fair Oaks Hospital Expansion, Fairfax County, Virginia.** Ms. Fan served as Project Manager for this project with responsibilities including coordination of design with the Civil Engineer and Architect on the presentations. Additional responsibilities included surface parking layout, entry plaza, and interior courtyard design.

- **Fairfax Hospital Cardiac Center, Fairfax County, Virginia**. Ms. Fan serves Project Manager for the new Hospital Cardiac Center. Work includes entry, interior waiting area, and outdoor terrace design.

- **Alexandria Hospital Expansion, Alexandria, Virginia**. As Project Manager, Ms Fan worked closely with the City of Alexandria staff to achieve an approved site plan that addresses the following areas: tree preservation, garage planting, entry plaza and memorial garden design.

- **Erickson Retirement Communities Campus at Ashburn, Ashburn, Virginia.** Developed a master plan for a 123-acre retirement campus. The design focuses on three campus neighborhoods, each of which contains on a community building and associated internal courtyard space, as well as connections with wide park-like green spaces defined by curving walkways, plantings and architecture.

- **INOVA Mt. Vernon Assisted Living, Fairfax County, Virginia.** Ms. Fan served as Project Manager for this senior living project sited on the edge of the Mt. Vernon Hospital grounds. The design was focused on retaining mature stands of existing vegetation and combining them with additional native plantings.

- **INOVA Cameron Glen Assisted Living, Reston, Virginia**. Working with architects Wilmot/Sanz Inc. for INOVA Health Systems, LSG prepared design and construction documents for site work around this 3-story elderly care facility. Specific spaces for Alzheimer patients were accommodated within the design.

Education

State University of New York, Master of Landscape Architecture, 1993
Southeast University, Nanking, P.R. China, Bachelor of Architecture, 1991

Registrations

Registered Landscape Architect: Virginia, Maryland; LEED Accredit Professional

Professional Activities

American Society of Landscape Architects
Instructor and Visiting Critic, George Washington University, Continuing Education Center

SUNNY JUNG SCULLY, FASLA

Principal/Landscape Architect

Ms. Scully, a founding principal in the firm, is a registered landscape architect who has managed a range of projects including commercial plazas, parks, streetscapes, office and headquarters facilities, as well as single and multi-family residential design, but her primary focus has been urban design. A specialty of Ms. Scully's is tailoring landscape architectural design to the developing urban fabric through the creation of streetscapes, pedestrian plazas, parks and other public spaces. An ardent promoter of public art, she incorporates sculpture into the landscape whenever possible.

A long record of urban design projects provides Ms. Scully with the skills and experience necessary to ensure design and use of materials which coordinate carefully with the surrounding environment. An important component of her approach is early recognition of other professionals' unique skills and how they contribute to the development process. Her understanding of site plan, construction and permit approval processes has been enhanced by participation on local planning boards and committees and demonstrated leadership as a group facilitator.

- **Arlington Hospital, Arlington, Virginia.** Provided landscape architectural services for 5-story ambulatory care addition plus day care facility, including parking layout, courtyard design, planting design, grading and site plan submittals. Ms. Scully also helped facilitate the meetings and presentations to neighborhood groups.

- **INOVA CCRC Projects (INOVA Fair Oaks Assisted Living, Sunrise Assisted Living at Reston Town Center, INOVA Mt. Vernon Assisted Living).** Ms Scully Worked with architects Wilmot/Sanz to prepare design and construction documents of site work for these senior living facilities. Ms Scully worked closely with the local reviewing agencies to ensure that pedestrian circulation would tie each of the sites to adjacent uses, encouraging people to walk by being part of the community. Winding paths around the site create places for residents to view seasonal changes. Lovely courtyards were created to provide the senior residents with year round visual interest.

- **Fox Hill, Bethesda, Maryland.** Ms. Scully worked on the landscape architectural design in the Special Exception and approvals efforts for the development of this new retirement community. The project is anticipated to consist of 240 independent living units, a health center, and an assisted living component on an approximately 17-acre site. The height will vary, but average 4 stories, with garaged parking worked into the sloping site below. The planning of the site landscape features was based on retaining much of the existing mature tulip poplar, beeches and maple forest. Plantings were proposed to screen the new community from the adjacent neighborhood and streets.

Education University of Wisconsin, Bachelor of Science, Landscape Architecture, 1975

Registration Registered Landscape Architect: Virginia, Maryland

Professional Activities American Society of Landscape Architects, Fellow; Past Chapter President
Urban Land Institute (ULI)
D. C. Preservation League, National Trust for Historic Preservation,
Society for Marketing Professional Services; Past Member Board of Directors

HENNING ASSOCIATES

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Rockville, Maryland 20850

CONSULTANTS
IN
ACOUSTICS
NOISE CONTROL
VIBRATION
AUDIOVISUAL DESIGN

GERALD H. HENNING
President

EDUCATION:

3 years of Graduate Work in Acoustics
Pennsylvania State University

Bachelor of Science in Ocean Engineering
Florida Atlantic University

PROFESSIONAL AFFILIATIONS:

Member, Acoustical Society of America

PROFESSIONAL EXPERIENCE:

Investigation of Acoustic Slow-waveguides in Transducer Arrays.

Applied Research Laboratory, Pennsylvania State University,
Graduate Assistant, 9/76-9/79

26 Years of Professional Consulting Experience.

Architectural Acoustics - Acoustical design for spaces such as theaters, auditoriums, multipurpose rooms, classrooms, ballrooms, meeting rooms, studios, conference rooms, music practice rooms, laboratories, gymnasiums, and natatoriums. Design of partitions including walls, floors, doors, and windows for acoustical isolation. Conduction of noise reduction tests of building partitions.

Mechanical Equipment Noise and Vibration - Measurement, analysis, and control of building mechanical equipment noise and vibration in corrective and new design applications. Design of ducts, partitions, silencers, and enclosures.

Audiovisual Systems - Audiovisual system designs for sound reinforcement, assistive listening, recording, and video projection systems.

Environmental Acoustics - Measurement, analysis, and evaluation of environmental noise including highway, railway, aircraft, landfill, and kennel noise. Design of noise attenuation measures including exterior building construction and noise barriers.

Occupational Noise - Measurement, analysis, and control of occupational noise per OSHA regulations.

Vibration - Measurements and evaluation of vibration in buildings and on building sites. Design of vibration control measures for vibration-sensitive research facilities.

RELEVANT PROJECT EXPERIENCE:

THEARC, Washington, DC - Project consists of a community facility including a theater, recital hall, rehearsal rooms, music practice rooms, large and small dance studios, sound room, multipurpose room, community room, arts and crafts room, teen club room, game room, computer room, gymnasium, administrative offices, conference rooms, and a medical section with counseling and exam rooms. Responsibilities include design of the interior room acoustics, acoustical isolation between spaces including floating floor systems, and measures for HVAC noise and vibration control.

City Hospital, Martinsburg, West Virginia - Project consisted of reducing hospital mechanical and electrical equipment noise levels. Responsibilities included measurement and evaluation of noise levels and development of measures to reduce noise from the incinerator, cooling towers, and emergency generators to meet acceptable levels at the hospital property line.

Sallie Mae Virginia Consolidation Project, Herndon, Virginia - Project consisted of an office building with many divisible training rooms, special project rooms, command center for the customer service operations center, loan servicing center, and fitness center. Responsibilities included design of interior room acoustics, acoustical isolation between spaces, open office acoustics, and measures for control of HVAC noise and vibration.

Edenwald Retirement Community, Towson, Maryland - Project consists of a retirement community with activity rooms, chapel, dining room, classroom, and pool. Responsibilities include design of the interior room acoustics, acoustical isolation between spaces, and measures for control of HVAC and emergency generator noise.

Maryland Hall For The Creative Arts, Annapolis, Maryland - Project consisted of renovation of Maryland Hall auditorium which is primarily used by the Annapolis Symphony for performances. Responsibilities included design of HVAC noise control measures and interior room acoustics enhancements for orchestral music including custom designed side wall diffusers/exterior noise isolation barriers at the existing windows. Separately, responsibilities also included measurement of the acoustical isolation between the black box theater and the auditorium stage above, analysis of noise transmission paths, and development of options to achieve acceptable acoustical isolation between the spaces when used simultaneously. In another portion of the facility, responsibilities included design of the interior room acoustics of a lecture room and the acoustical isolation between practice rooms.

Carroll Community College Fine Arts/B&I Center and Life Fitness Building, Carroll County, Maryland, - Project consisted of a theater with associated music practice rooms, classrooms, and studios; art gallery and studios; meeting rooms; and multipurpose sports room with associated classrooms and offices. Responsibilities included design of the interior room acoustics, acoustical isolation between spaces, measures for HVAC noise control, and audiovisual systems for the theater. Acoustical isolation designs included special floor/ceiling systems between music practice rooms and meeting rooms below. Audiovisual systems included video projection and a theatrical sound system with monaural and stereo loudspeaker systems.

Marine Barracks BEQ/Band Support Facility, Washington, DC - Project consisted of military housing attached to a music practice, rehearsal, and performance facility for "The President's Own" Marine Band. Responsibilities included acoustical design of the facility to meet stringent acoustical criteria. Design of the interior room acoustics to meet sound diffusion, sound absorption, and reverberation time requirements; design of the acoustical isolation between spaces including floating floors, suspended isolated gypsum board ceilings, double acoustical door systems, and special ultra high performance, resiliently supported, multi-leaf masonry and gypsum board partitions; design of the exterior building construction to control roadway and aircraft noise transmission; and design of measures to control HVAC noise and vibration to very low levels. Responsibilities also included measurement and evaluation of the vibration levels from the nearby railway.

Louis J. Slade, PE, PTOE

Vice President and Principal

Mr. Slade's diverse experience bridges the disciplines of civil engineering design, urban transportation planning, traffic engineering, land development, environmental analysis, and transportation systems design. Mr. Slade has directed major regional comprehensive transportation planning studies and corridor studies, traffic circulation and transit studies, and parking needs and design optimization studies for central business districts and new developments. He has devised and analyzed alternative public transportation modal options. He is familiar with road rating and sufficiency evaluation systems for primary and secondary roads. He has performed analytical assessments of air quality and noise levels of transportation facilities and systems. He has performed traffic impact assessments for residential, office, shopping and convention centers, and institutional complexes. He has been responsible for the transportation and parking components for academic, government, and corporate campuses.

Professional Certification

Registered Professional Engineer: District of Columbia and Maryland
Certified PTOE (Professional Traffic Operations Engineer)

Education

Master of Science, Civil Engineering
Northwestern University, Chicago, IL

Bachelor of Science, Civil Engineering
Northwestern University, Chicago, IL

Professional Associations

Fellow: ITE
Urban Land Institute
Lambda Alpha International Land Economics Society

Representative Projects

DOWNTOWN PROJECT PLANNING

Mr. Slade has directed all of the firm's projects in downtown Washington D.C. including transportation management and traffic operations planning for the MCI Center Sports Arena, and the new Washington Convention Center, and traffic, loading and parking plans for the National Gallery of Art, the Newseum, the Arts and Industries Building, and the National Museum of Native Americans. He has been a consultant to both the Downtown and Georgetown Business Improvement Districts, and he has directed the firm's assignments on numerous large-scale in-town residential and mixed-use development projects.

PUBLIC TESTIMONY:

Mr. Slade has provided expert testimony in the District of Columbia throughout the firm's 26 years. Projects include:

- Dunmarlin Development
- The George Washington University
- Kennedy Warren Apartment Expansion
- The National Cathedral
- The Washington International School
- Beauvoir School
- 2200 M Street Mixed Use Development

CONSTRUCTION TRAFFIC MANAGEMENT PLANS

WWII Memorial Truck Access

Principal-in-Charge. Seven months into a 30-month construction schedule, Gorove/Slade Associates, was given the challenge of developing a construction truck access plan to improve construction access to the site on the National Mall. G/SA balanced construction access needs with tourist and pedestrian safety . G/SA proposed four creative alternatives including rerouting pedestrians, and changing lane configuration to accommodate left-turning trucks, and ensuring that trucks could safely

navigate between trees. The National Park Service mandated strict observance of environmental issues including the protection, relocation and in some cases the removal of mature trees.

U.S. Capitol Visitors' Center, Construction Traffic Management Plan, Washington, DC

Principal-in-Charge. G/SA developed a traffic management plan for the construction of the new underground visitors' center in front of the U.S. Capitol. Construction is expected to last until mid 2005. The traffic management plan will minimize the impact of truck traffic upon the neighboring residential districts and downtown DC. Key issues for this project include taking into consideration the security issues resulting from recent terrorism events.

RAIL STATION PLANNING AND DESIGN

Mr. Slade has extensive experience with the planning and design of the vehicular and pedestrian components of commuter rail stations and bus terminals. This includes roadway access, circulation, and parking planning for several Metrorail stations on the Washington, D.C. system for the Transit Authority, the planning of major
commuter heavy and light rail stations at the Meadowlands Sports Complex and the Carlstadt New Town Center in Bergen County, N.J., the planning of the station modifications associated with the new MCI Center sports arena at the Gallery Place Station in Washington, D.C., and planning studies for joint public/private developments at several Metrorail stations in the Washington metropolitan area.

TRANSPORTATION PLANNING STUDIES

Nashua Area Transportation Study, New Hampshire; Genessee/Finger Lakes Regional Study, Rochester, New York; Hartford County Thoroughfare Plan, Maryland; James City County Thoroughfare Plan, Virginia.

TRANSIT IMPACT STUDIES AND TRANSIT ALTERNATIVES ANALYSES

York County, Pennsylvania; Crystal City in Arlington, Virginia; Albany, New York.

CENTRAL BUSINESS DISTRICT CIRCULATION STUDIES

Washington D.C.; Alexandria, Virginia; Herndon, Virginia; Leesburg, Virginia; Baltimore, Maryland; Atlantic City, New Jersey; Indianapolis, Indiana; Albany, New York; Quincy, Massachusetts; Bowling Green, Kentucky, Takoma Center, DC.

UNIQUE AND SPECIAL TRAFFIC STUDIES AND ASSIGNMENTS

District of Columbia Comprehensive Bikeway Study; U.S. Army Museum, Arlington, Virginia; The Challenger Center for Space, Washington, D.C.; The Universal Ballet School, Washington, DC; The Capital Centre Arena, Prince George's County, Maryland; Convention Centers in Atlantic City and Trenton, New Jersey and Baltimore, Maryland; Casino Hotels in Atlantic City, New Jersey; Civil War Battle Reenactment, Fairfax, Virginia; Highway noise barrier design and design guidelines, Federal Highway Administration; Salvation Army headquarters and residence for the homeless, Washington, D.C.

TRANSPORTATION MANAGEMENT EXPERIENCE

Developed management programs to reduce peak hour traffic loads and parking requirements and development of traffic monitoring systems for various private developments in the Northern Virginia suburbs of Washington, D.C. and for federal agencies in the metropolitan area.

The National Institutes of Health (NIH)

As part of the Master Plan, Mr. Slade developed a cost-effectiveness matrix for candidate demand management programs that NIH used to advance their overall efforts to reduce trip generation. This work was presented at the I.T.E. Conference in February 1994. Gorove/Slade Associates has had an ongoing contract with NIH to expand and monitor the effectiveness of their demand management program.

The City of Alexandria, Virginia

Virginia passed a demand management ordinance in 1988 which required that all new development include a demand management program customized for the particular site based on proximity to transit, characteristics of the tenants, etc. Gorove/Slade Associates, Inc. worked with a number of clients to help interpret this new ordinance and to prepare the required program.