Ballinger

CRAIG S. SPANGLER, AIA, NCARB

Principal

With over 29 years of professional experience, Craig is a Principal and design leader at Ballinger. Over his career, he has been responsible for a broad spectrum of significant commissions for the academic community including designs for teaching, research, student life, administrative, and campus planning initiatives. Craig's commitment to design excellence combined with his collaborative design process results in buildings that are both functionally responsive and contextually sensitive to their settings.

Craig has lead many significant large and complex science and engineering initiatives at notable institutions across the country. With a portfolio spanning the spectrum of both teaching and research he has sought to create facilities that inspire discovery and learning while serving to be excellent stewards of the environment. Most recently he was awarded and designed the prestigious 330,000 sf Wisconsin Institutes for Discovery, a public / private research institute located on the University of Wisconsin – Madison campus.

Craig's ability to innovatively solve program requirements through creative designs is illustrated by his success at winning prestigious national design competitions such at the Matheson, Illinois Public Library National Design Competition as well as numerous national and local design awards. He has been published widely and is a frequent speaker at many academic facility forums across the country. His participation in the academic community goes beyond his design work having served in both a teaching and design critic role for many architecture schools nationwide.

EDUCATION

Princeton University, Master of Architecture, 1988
University of Maryland, Bachelor of Architecture, 1982

REGISTRATIONS

District of Columbia, Maryland, Massachusetts, Pennsylvania, Wisconsin

PROFESSIONAL AFFILIATIONS

American Institute of Architects
National Council of Architectural Registration Bonds

LECTURING

Society for College and University Planning Lecturer
Tradeline College and University Science Facilities Conference Lecturer

RELEVANT PROJECT EXPERIENCE

George Washington University
Science & Engineering Complex
Washington, D.C.

University of Wisconsin
Wisconsin Institutes for Discovery
Chemistry Teaching and Research Building
Madision, WI

University of Maryland
Bioscience Research Building
Smith School of Business
College Park, MD

Temple University
School of Medicine
Health Sciences Library
Philadelphia, PA

Ashland University
Science Building
Ashbrook Center
Ashland, OH

College of Charleston
Laboratory and Teaching Facility
Charleston, SC

Drew University
Science Facility
Madison, NJ

Furman University
Charles H. Townes Center for Science
Greenville, SC

Grove City College
Science & Engineering Facilities
Hall of Arts & Letters
Student Union Center
Pew Fine Arts Center
Carnegie Alumni Hall
Physical Learning Center
Grove City, PA

Hope College
Peale Science Center
Holland, MI

Johns Hopkins University
Chemistry Research Building
Krieger School of Arts & Sciences
Baltimore, MD

Lehigh University
Environmental Institute
Bethlehem, PA

Mount Union College
Natural Science Facility
Alliance, OH

Muhlenberg College
Seegers Union & Science Facility
Allentown, PA

The Ohio State University
College of Veterinary Medicine
Columbus, OH

Rowan University
Henry M. Rowan Hall
Glassboro, NJ

University of the Sciences in Philadelphia
McNeil Science and Technology Center
Facade Improvement
Philadelphia, PA

University of the South
Woods Laboratories Science Building
Sewanee, TN

Ursinus College
New Science Facilities
Collegeville, PA

JAMI L. MILANOVICH, P.E.
PRINCIPAL ASSOCIATE

PROFILE:

Ms. Milanovich has 16 years of experience in a wide range of traffic and transportation projects including: traffic impact studies, corridor studies, parking analyses, traffic signal design, intersection improvement design, and signing and pavement marking design. She has worked for both public and private sector clients.

EXPERIENCE:

Traffic Impact Studies. Conducted numerous traffic impact studies in support of rezoning, planned unit development, special exception, and site plan approvals for large and small residential, commercial, office, retail, and institutional developments in the mid-Atlantic region. Her work includes experience in Pennsylvania, Virginia, Maryland, and Washington, D.C. Specific Washington, D.C. projects include the following:

- Transportation Impact Study for the George Washington University Campus Plan: 2005-2026
- George Washington University Mount Vernon Campus Plan Transportation Impact Study
- Transportation Impact Study for Square 54
- Transportation Impact Study for the School without Walls
- 2013 H Street Transportation Impact Study (HSC Foundation)
- Connecticut Avenue Walgreens Transportation Impact Study
- Catholic University of America South Campus Redevelopment Transportation Impact Study
- Transportation Impact Study for Arbor Place
- Traffic Impact Study for the Fort Lincoln New Town Townhomes
- Transportation Impact Study for the Village at Washington Gateway
- Transportation Impact Study for the Shops at Dakota Crossing
- City Homes at Fort Lincoln Transportation Impact Study
- Transportation Impact Study for Art Place + Shops at Fort Totten
- Rosemount Center Traffic and Parking Study
- Sidwell Friends School Transportation Study
- Traffic and Parking Study for the Broad Branch Market and Child Development Center
- Fannie Mae Headquarters Transportation Impact Study
- Friends of Saint Patrick's Transportation Impact Study
- Transportation Impact Study for Square 776
- 2201 M Street, NW Transportation Impact Study

Corridor Studies. Conducted several corridor studies, which have evaluated the effects of various geometric and traffic signal system improvements on specific corridors. She has utilized Synchro and SimTraffic software to both analyze the potential improvements and make presentations for agencies and the general public.

Traffic Signal Design. Prepared numerous traffic signal designs for new installations and modifications to existing installations, including the development of coordination timings for interconnected intersections. Her work has included preparation of signal permit drawings for state agencies and construction drawings for contractors.

Intersection Improvements. Prepared many intersection improvement plans throughout Pennsylvania, often in conjunction with traffic signal designs. Design of intersection improvements typically consists of roadway widening, drainage improvements, utility coordination, maintenance and protection of traffic considerations, and signing and pavement marking plans.

Traffic Calming Studies. Investigated traffic calming measures to reduce travel speeds and "through" traffic on residential streets. Alternatives included chicanes, chokers, diverters, speed tables, and one-way street options.

Interchange Justification Studies. Prepared Point of Access Study for the completion of the partial diamond interchange for submission to the Pennsylvania Department of Transportation and the Federal Highway Administration. Study included an origin-destination study and capacity/level of service analyses at eight intersections and an inventory of existing and approved developments within the study area. Data analyses were conducted for scenarios with and without the proposed interchange.

Origin-Destination Studies. Conducted several origin-destination studies as part of larger projects to determine travel patterns through specific areas. Methods used included license plate matching, post-card surveys, personal interviews, and car-following.

Speed Limit Studies. Conducted speed limit for two-lane, rural roadways in Pennsylvania. Methodology utilized was safe running speed method in accordance with ITE guidelines.

EDUCATION:

Master of Engineering, The Pennsylvania State University, University Park, Pennsylvania, December 2000

Bachelor of Science, Civil Engineering, The Pennsylvania State University, University Park, Pennsylvania, May 1995

REGISTRATIONS: Registered Professional Engineer: Pennsylvania; Virginia; Washington, D.C.

AFFILIATIONS: Institute of Transportation Engineers

EMPLOYMENT HISTORY

2003 - Present

Wells & Associates, Inc.
McLean, Virginia
Principal Associate

1997 - 2003

Herbert, Rowland & Grubic, Inc.
Harrisburg, State College, and Pittsburgh, Pennsylvania
Traffic Engineer

Ms. Milanovich was a project manager responsible for the preparation of traffic engineering studies, traffic signal design, and intersection improvement designs.

1995 - 1997

Transportation Resource Group, Inc.
York, Pennsylvania
Traffic Engineer-in-Training

Ms. Milanovich was responsible for data collection efforts and conducting traffic engineering studies. Her duties also including overseeing technical support staff.

Donald R. Hoover
PRINCIPAL

As one of the founding principals of OCULUS, Mr. Hoover is a Landscape Architect and Urban Designer who offers over 30 years of experience and has been responsible for more than 40 built projects. He has extensive experience in the management, design, and implementation of a wide range of design and planning projects. His responsibilities have included leading public workshops and design charrettes, programming, setting project direction and tone of design, managing production of contract documents, and administration of construction. Mr. Hoover is a hands-on principal involved with every aspect of each and all design projects from start to finish.

PROFESSIONAL EXPERIENCE

OCULUS
Washington, DC
Principal
1993 - Present

HOH Associates, Inc.
Alexandria, Virginia
Senior Associate
December 1990 -1993

EDAW, Inc.
Alexandria, Virginia
Senior Associate
May 1985 - 1990

VVKR Inc.
Alexandria, Virginia
Associate
October 1980 – 1985

PROFESSIONAL REGISTRATIONS

Registered Landscape Architect
State of Maryland, 1983

Certified Landscape Architect
Commonwealth of Virginia, 1996

EDUCATION

Bachelor of Science
Landscape Architecture
Pennsylvania State University, 1980

SELECTED PROFESSIONAL PROJECTS

PENROSE SQUARE Arlington, VA
Responsibilities: Master planning, detailed site design, community participation

MOSAIC PARK Arlington, VA
Responsibilities: Master planning, community participation

WATERFRONT Washington, DC
Responsibilities: Master planning, PUD submission, open space design, construction documentation

WASHINGTON GATEWAY Washington, DC
Responsibilities: PUD submission, site design, open space design

CHEVY CHASE CENTER Chevy Chase, MD
Responsibilities: Site planning, design, construction documentation/administration

22 WEST Washington, DC
Responsibilities: Design, construction documentation/ administration

VAN NESS CENTER Washington, DC
Responsibilities: Design, construction documentation

POWHATAN SPRINGS PARK Arlington, VA
Responsibilities: Master planning, site design, community participation

CITYLINE Washington, DC
Responsibilities: Design, construction documentation/ administration

SALAMANDER INN Middleburg, VA
Responsibilities: Site planning, site design, planting design

POTOMAC YARD Alexandria & Arlington, VA
Responsibilities: Master planning, open space planning, community participation

BETHESDA PLACE II Bethesda, MD
Responsibilities: Site planning, design, construction documentation, M-NCPPC

AFL-CIO HEADQUARTERS Washington, DC
Responsibilities: Site planning/design, construction documentation/administration

NIGERIAN CHANCERY Washington, DC
Responsibilities: Design, construction documentation/administration

HONORS AND AWARDS

2005 Honor and Traveling Award, Powhatan Springs Park:
American Society of Landscape Architects, Maryland-Potomac Chapter
2005 Best New Park, Virginia, Powhatan Springs Park- Virginia Parks and Recreational Services
2002 Semi-finalist, Pentagon Memorial Competition
1993 Winner of Landscape Architecture's "Starting Fresh: Top New Firms of the 90's"
1993 National Garden Competition
1992 "Visions and Revisions" for the city of Washington, DC
1991 Award of Honor, National Capital Columns: