

Further Processing Application Outline of Testimony

1. Introduction and Preliminary Matters
 - A. Norman M. Glasgow, Jr. 2-3 Minutes
2. MedStar Background and the Need for the Surgical Pavilion/Community Engagement
 - A. Michael Sachtleben
 - B. Joy Drass 3-5 Minutes
3. The GCP
 - A. Ron Lewis and Don Edwards 3-5 Minutes
4. Design of the Surgical Pavilion and Retaining Wall
 - A. Shalom Baranes 10-15 Minutes
 - B. Robin Morey 2-3 Minutes
5. Comprehensive Transportation Planning
 - A. Jami Milanovich 2-3 Minutes
6. Conclusion and Summary of Relief
 - A. Norman M. Glasgow, Jr. 2-3 Minutes

Total Time: 25-35 Minutes

Shalom Baranes, FAIA
Principal

As founding principal of Shalom Baranes Associates, Mr. Baranes has established a firm recognized for its work on significant buildings in the nation's capital and the surrounding metropolitan region. As director of the firm's design work, he has overseen projects which have received over 100 design awards for new construction, renovation and historic preservation. He has a strong background in commercial, government and masterplanning work, including CityCenter DC, which is currently under construction on the former DC convention center site. Mr. Baranes also has an intimate familiarity with local and federal regulatory review processes.

Among his recently completed buildings are the Turkish and Nigerian Chanceries, the Headquarters for the American Red Cross, the Carpenter's Union (101 Constitution Avenue), 22 West, and the Ritz Carlton Hotel and Residences in Georgetown. Historic projects include the renovation of the Warner Theatre, the expansion of the John Wilson Building (Washington, DC's City Hall), the US Treasury Building and Daniel Burnham's Postal Square. His current work includes masterplanning the area around Washington's southwest waterfront, Waterfront Station in southwest DC and the renovation and expansion of GSA's Headquarters building.

Mr. Baranes' design and preservation work and its influence on the character of Washington's downtown was recognized by the American Institute of Architects in his investiture to the College of Fellows, whose nomination noted,

"His design skills are strengthened by an exceptional ability to communicate with both his clients and the community, allowing him to master demanding aesthetic, preservation and political problems and gain approvals from federal and local review agencies."

He has served on a number of design juries, boards and commissions, including GSA's national peer review panel, and has chaired the Architectural Review Panel for the District of Columbia.

Mr. Baranes received his Bachelor of Architecture degree in 1973, and his Master of Architecture degree in 1976, both from Yale University. The Lambda Alpha International Honorary Land Economics Society inducted Mr. Baranes in 1987 noting,

"For designing sensitive additions to and renovation plans for landmark commercial structures in the heart of downtown Washington, and for creating new buildings that arrest the eye and capture the zest of urban life."

In 1990, The Catholic University of America Honorary Society awarded Mr. Baranes their annual Tau Sigma Delta Medal for "Distinction in Architecture."



Jami L. Milanovich, P.E.

PRINCIPAL ASSOCIATE

Ms. Milanovich is a registered professional engineer with 20 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. Over the past decade, Ms. Milanovich has worked primarily in the District of Columbia on a multitude of mixed-use, residential, institutional, and office projects throughout the City. A sampling of her experience related to educational projects is included below.

COLLEGES AND UNIVERSITIES

THE GEORGE WASHINGTON UNIVERSITY FOGGY BOTTOM CAMPUS PLAN, WASHINGTON, D.C.:

Ms. Milanovich conducted a comprehensive transportation study in support of the University's 2006-2025 Foggy Bottom Campus Plan. The Plan envisioned two million square feet of new high-tech classrooms, labs, offices, residential space, support space, and other modernized University facilities through 18 potential redevelopment sites, including the demolition of the 1,482-space University Parking Garage. The transportation study evaluated existing and proposed traffic and parking conditions; documented existing public transportation facilities, pedestrian facilities, bicycle facilities, and loading facilities; and documented the effectiveness of the existing Transportation Management Plan. Additionally, the study evaluated the impact of the Campus Plan on over 30 intersections in and around the campus. The District of Columbia Zoning Commission approved the Campus Plan in 2007.

THE GEORGE WASHINGTON UNIVERSITY SQUARE 77 RESIDENCE HALL, WASHINGTON, D.C.:

Ms. Milanovich prepared a transportation assessment in support of the proposed construction of a new 894-bed residence hall in the heart of the George Washington University's Foggy Bottom Campus. Specific project challenges included developing a plan to accommodate the loading and service needs of both the new facility and other existing uses on the square given the limited area available as a result of the infill project. The project also required an alley to be closed to accommodate the proposed redevelopment. The Zoning Commission approved the project in June 2013. The District of Columbia City Council approved the alley closing in July 2013.

EDUCATION

Master of Engineering; The Pennsylvania State University

Bachelor of Science – Civil Engineering (With Distinction); The Pennsylvania State University

SPECIALTIES

Traffic Impact Studies

Parking Studies

Corridor Analyses

Loading Management Plans

Site Access Studies

Expert Witness Testimony

PROFESSIONAL REGISTRATIONS

Registered Professional Engineer:

Washington, D.C.

Virginia

Pennsylvania

West Virginia

PROFESSIONAL AFFILIATIONS

Institute of Transportation Engineers

The Urban Land Institute

District of Columbia Building Industry Association

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THE GEORGE WASHINGTON UNIVERSITY SCIENCE AND ENGINEERING HALL, WASHINGTON, D.C.: Ms. Milanovich prepared a transportation impact study in support of the University's plans to demolish the existing University Parking Garage and construct a new Science and Engineering Hall in its place. The new facility will include 376,471 SF on eight levels above-grade. Two below-grade programmed levels plus four levels of below-grade parking also are proposed. The study concluded that vehicular traffic to and from the site will be reduced by approximately 75 percent as a result of the redevelopment. Ms. Milanovich worked with the University, the project architects, and DDOT to develop a loading design and truck management plan for the proposed Science and Engineering Hall that would be sensitive to pedestrians and would minimize the impacts between vehicles and pedestrians. Ms. Milanovich provided expert witness testimony before the Zoning Commission in support of the project. The Zoning Commission approved the Second Stage PUD application in March 2011.

THE GEORGE WASHINGTON UNIVERSITY MOUNT VERNON CAMPUS PLAN, WASHINGTON, D.C.: Ms. Milanovich conducted a transportation study in support of the University's 2010 Mount Vernon Campus Plan, which included the development of four new academic buildings and one new residential building. The study evaluated the impact of the corresponding increase in faculty, staff, and students on nine intersections surrounding the campus. The study also evaluated the impact of converting the existing W Street driveway to pedestrian and emergency vehicle access only.

THE GEORGE WASHINGTON UNIVERSITY MUSEUM, WASHINGTON, D.C.: The University currently is constructing a new museum in an infill site on their Foggy Bottom Campus. Ms. Milanovich prepared a traffic evaluation for in support of a Second Stage Planned Unit Development Application. Access to the site was a significant challenge given the configuration of the site coupled with the unique loading needs of a museum. The small infill site had frontage on only one street and was bordered on the rear by the University Yard, which is a significant pedestrian-oriented space. Additionally, the museum needed to have an internal, climate-controlled area to load/unload priceless artifacts. Ms. Milanovich prepared an extensive curb cut justification memo, which documented the need for the proposed curb cut; evaluated vehicular and pedestrian impacts; and, at the DDDOT's request; evaluated the feasibility of loading through the University Yard as an alternative. Ms. Milanovich also prepared a loading management plan, which included accommodation of school buses and seniors buses) and a curb cut monitoring plan, in consultation with DDOT, to minimize the impact of the curb cut and to ensure that it would operate as intended. The project was approved by the District of Columbia Zoning Commission in May 2012.

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GEORGETOWN UNIVERSITY CAMPUS PLAN, WASHINGTON, D.C.: Ms. Milanovich conducted a peer review of the transportation study conducted in conjunction with the University's 2011 – 2017 Campus Plan. She provided input on the proposed scope of work and methodology based on extensive experience with other, similar projects. Ms. Milanovich also provided expert witness testimony on technical aspects of the transportation component of the Plan at the Zoning Commission hearing in November 2011. The Zoning Commission subsequently approved the Campus Plan. Since approval, Ms. Milanovich has provided traffic engineering services for the University as it implements the Campus Plan.

SCHOOLS AND DAYCARES

SIDWELL FRIENDS SCHOOL, WASHINGTON, D.C.: Sidwell Friends School proposes to relocate its Lower School from its current location in Bethesda to its Upper/Middle School campus on Wisconsin Avenue in the Cleveland Park neighborhood of Washington, D.C. Ms. Milanovich and her team prepared a preliminary assessment of traffic operations to identify strategies to accommodate the Lower School traffic on the Wisconsin Avenue campus. Data was collected on both campuses to determine trip generation rates, pick-up/drop-off queues, and parking occupancy. W+A determined that the relocation of the Lower School would require improved pick-up/drop-off operations and proposed conceptual pick-up/drop-off area designs as well as more efficient procedures that would accommodate the increase in traffic.

Following the preliminary assessment, Ms. Milanovich met with several community working groups and neighbors to address their concerns related to traffic. A strong commitment to a robust Transportation Demand Management (TDM) plan and Monitoring Plan as well as relocating pick-up/drop-off operations for the Middle School from a public street to a location on campus helped Sidwell ultimately gain the active community's support.

A substantial Comprehensive Transportation Review (CTR) was also prepared for review by the District Department of Transportation (DDOT). The CTR included detailed assessments of multi-modal site access and circulation, the five pick-up/drop-off locations, existing and anticipated loading needs, intersection operation with the proposed TDM plan and Middle School pick-up/drop-off relocation, Wisconsin Avenue corridor operations, and transportation solutions proposed by the community to address existing traffic issues. W+A also conducted a mode split survey of parents and teachers to determine their travel characteristics.

Ms. Milanovich provided expert testimony before the Board of Zoning Adjustment (BZA). The BZA approved the Lower School relocation and subsequent student and staff cap increases in March 2016.

SHERIDAN SCHOOL, WASHINGTON, D.C.: Ms. Milanovich was responsible for the preparation of a transportation assessment of the Sheridan School in support of the school's renewal of their special exception approval. In conjunction with the special exception

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application, Sheridan sought a nominal increase in its enrollment cap from 226 to 230 students. The transportation assessment included an inventory of alternative transportation modes in the vicinity of the school, a description of the school's transportation operations, a summary of the school's Transportation Demand Management Plan, the anticipated increase in trip generation under the proposed student cap, and an assessment of vehicle queues on 36th Street during the AM drop-off period. The special exception application was approved by the Board of Zoning Adjustment in April 2014.

ST. PATRICK'S EPISCOPAL DAY SCHOOL, WASHINGTON, D.C.: Ms. Milanovich was responsible for the preparation of the traffic study prepared in conjunction with St. Patrick's Special Exception application, which requested an increase in enrollment from a cap of 440 students to a cap of 485 students at the school's Whitehaven Campus. As part of the traffic study, pedestrian and bicycle facilities on and around campus were evaluated. A detailed evaluation of the pick-up/drop-off area also was conducted. Ms. Milanovich provided expert witness testimony before the Board of Zoning Adjustment (BZA), which approved the project in December 2012.

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RICARDO DUMONT DUMONTJANKS

Ricardo has trained as a landscape architect and architect and is co-founder with Gregory Janks of DUMONTJANKS in Boston. Ricardo's extensive institutional experience includes award-winning frameworks, master plans, urban design projects, and built work for over 75 institutions including Bates College, University of Virginia, Brown University, Fordham University, Georgetown University, Harvard University, Johns Hopkins University, the Mayo Clinic, Northwestern University, The Ohio State University, Purdue University, and Vanderbilt University.

His public and private urban development work includes planning, urban design, and built work for mixed-use and residential projects such as the East Baltimore District Plan with Forest City/Johns Hopkins, Technology Square @ MIT, and the waterfronts of Nantucket and Newburyport. These private development projects have ranged in scale from one to thousands of acres. His rural agricultural background has led to a strong belief and work portfolio in large land preserves. He has served such diverse clients as the Rockefeller family, the Aga Khan Foundation in Central Asia, a family and government eco-tourism consortium for a national park in Cozumel, Mexico, the City and Mayor of Santiago Chile, and multiple opportunities to work with the large land resources of American colleges, universities, and land grant agricultural schools.

The design teams led by Ricardo have been recognized with planning and design awards from the American Institute of Architects, the American Society of Landscape Architects, and the Society for College and University Planning. Ricardo is the co-author of *Mission and Place*, a book on American campus planning and design, published by Praeger Press. He is a graduate of the State University of New York College of Environmental Science and Forestry and Syracuse University.

WORK EXPERIENCE

DUMONTJANKS LLC, Co-founder

Sasaki Associates, Inc., Principal

DUMONT RESEARCH PLANNING DESIGN, Founding Principal

Reimann Buechner Partnership

EDUCATION + REGISTRATIONS

Syracuse University and SUNY College of Environmental Science and Forestry, Bachelor of Urban Design / Landscape Architecture

Syracuse University and SUNY College of Environmental Science and Forestry, Bachelor of Environmental Planning

Registrations: CT, IL, IN, ME, MD, MA, MI, MO, NM, NY, OH, OR, PA, TX, UT, VT, VI, WI

PUBLIC UNIVERSITY PLANNING

Dalton State College, Strategic Master Plan, Dalton, Georgia

Heartland Community College Master Plan; Bloomington, Illinois

Indiana University Purdue University Fort Wayne Campus Master Plan; Fort Wayne, Indiana

Kennesaw State University, Master Plan, Kennesaw, Georgia

Louisiana Tech University Master Plan; Ruston, Louisiana

The Ohio State University College of Food, Agriculture, and Environmental Science Master Plan; Columbus, Ohio

The One Ohio State University Framework Plan; Columbus, Ohio

Purdue University Calumet Campus Master Plan; Hammond, Indiana

Purdue University Campus Master Plan; West Lafayette, Indiana

Purdue University North Central Campus Master Plan; Westville, Indiana

The University of Akron Framework Plan; Akron, Ohio

University of Virginia, Ivy Corridor Strategic Planning Study, Charlottesville, Virginia

Utah State University Strategic Growth Plan; Logan, Utah

PRIVATE UNIVERSITY PLANNING

Aga Khan Universities Master Plan; Naryn, Kyrgyzstan
Alma College Master Plan; Alma, Michigan
Bates College Master Plan; Lewiston, Maine
Bates College Dining and Academic Corridor; Lewiston, Maine
Bentley University 10-year Facility Plan; Waltham, Massachusetts
Boston College Campus Master Plan; Boston and Newton, Massachusetts
Brown University Framework Plan; Providence, Rhode Island
Case Western Reserve University Framework Plan; Cleveland, Ohio
Colgate University Master Plan; Hamilton, New York
Emerson College Framework Plan; Boston, Massachusetts
Fordham University Master Plan and Update; New York City, New York
Georgetown University Framework Plan; Washington D.C.
Harvard Kennedy School Campus Framework Plan; Cambridge, Massachusetts
Ithaca College Master Plan; Ithaca, New York
Lehigh University Master Plan; Bethlehem, Pennsylvania
Marquette University District Urban Plan; Milwaukee, Wisconsin
Northwestern University Campus Master Plan; Evanston, Illinois
Vanderbilt University Urban Districts Strategic Growth Plan; Nashville, Tennessee
Vermont Law School Framework Plan; South Royalton, Vermont
Sacred Heart University Master Plan; Fairfield, Connecticut
Sacred Heart University Athletics Master Plan; Fairfield, Connecticut
Sweet Briar College Master Plan; Amherst, Virginia
University of Scranton Urban District Master Plan; Scranton, Pennsylvania

ACADEMIC MEDICAL CENTERS

BJC/Washington University Healthcare Inspiration Competition; St. Louis, Missouri
Georgia Regents University Campus Development Assessment Strategy; Augusta, Georgia
Mayo Clinic Arizona Master Plan; Phoenix, Arizona
MedStar Georgetown University Hospital Academic Medical Center Master Plan; Washington D.C.
The Ohio State University Health Sciences District Plan; Columbus, Ohio
SUNY Upstate Medical Center Master Plan; Syracuse New York

LANDSCAPE ARCHITECTURE + ARCHITECTURE

36 Cameron Avenue Regeneration; Cambridge, Massachusetts
Bates Walk at Bates College; Lewiston, Maine
Billings Farm Museum; Woodstock, Vermont
The Connector for Case Western Reserve University and the Cleveland Museum of Art; Cleveland, Ohio
Cogger Allee and Hemlock Residential Courts; Hamilton, Massachusetts
Emerson College Student Street at Boston Common; Boston, Massachusetts
Farms, Courts and Paddocks, Dover, Massachusetts
Fordham University Phase One Residential District Poe Walk Implementation; New York, New York
Forrester Farmhouse and Studios; Lexington, Massachusetts
Georgetown University Northeast Triangle Residence Hall and Landscape; Washington D.C.

Harvard Kennedy School Interior Courts; Cambridge, Massachusetts
Iona College Landscape Framework Implementation, New Rochelle, New York
Mayo Clinic Phoenix and Scottsdale Campuses Desert Courts and Arroyo; Phoenix, Arizona
Mayo Clinic Research Campus Preliminary Landscape Master Plan; Phoenix, Arizona
Nantucket Development Parcels; Nantucket, Massachusetts
The Ohio State University River of Trees District; Columbus, Ohio
The Ohio State University South District Quadrangle, Arrival Courts, and Student Courts; Columbus, Ohio
The Ohio State University North District Quadrangle, Arrival Courts, and Student Courts; Columbus, Ohio
Purdue University Student Center and Residential Quadrangle; West Lafayette, Indiana
Purdue University Student Life Café Walk; West Lafayette, Indiana
Purdue University Third Street Corridor; West Lafayette, Indiana
Rice University South Residential District Landscape; Houston, Texas
Sacred Heart University Business School Fountain Arrival Courts and Parking Garden; Fairfield, Connecticut
Sacred Heart University Chapel Courts and Quadrangle; Fairfield, Connecticut
Sacred Heart University Humanities Building; Fairfield, Connecticut
Sacred Heart University Library; Fairfield, Connecticut
Sacred Heart University Student Gallery Entry and Dining Courts; Fairfield, Connecticut
South Hamilton Courtyards; Hamilton, Massachusetts
Technology Square @ MIT Lawn and Pedestrian Streets; Cambridge, Massachusetts
Utah State University Innovation Campus Allee' and Courts; Logan, Utah
Utah State University Recital Hall and Arrival Court; Logan, Utah

RESEARCH DISTRICTS

Colorado School of Mines Research District; Golden, Colorado
Johns Hopkins Medical School – Forest City Enterprises Research District; Baltimore, Maryland
Louisiana Tech University Research Campus; Ruston, Louisiana
Northwestern University Science and Research District Master Plan; Evanston, Illinois
Scitech Study for The Ohio State University; Columbus, Ohio
Technology Square @ MIT; Cambridge, Massachusetts
University of Delaware Science, Technology, and Advanced Research Campus Master Plan; Newark, Delaware
Utah State University Innovation District Master Plan; Logan Utah

URBAN DESIGN + CITY PLANNING

Beacon Street Neighborhood Residential Infill; Somerville and Cambridge, Massachusetts
The Brown Parcel Historic Neighborhood Infill; South Kingston, Rhode Island
Cameron Avenue Factory Restoration and Conversion; Cambridge, Massachusetts
City of Cambridge Public Library Urban Design and Alternatives Study; Cambridge, Massachusetts
Department of Energy Town Center Case Study; Radisson, New York
East Baltimore District Plan with Forest City; Baltimore, Maryland
Managua Village Plan; Managua, Nicaragua
Marquette University Urban District Revitalization; Milwaukee, Wisconsin
Massachusetts Avenue Mixed-use District; Cambridge, Massachusetts
Massachusetts Avenue / Russell Street Townhouse, Lofts, and Retail Neighborhood Design and Implementation; Cambridge, Massachusetts
North Logan Town Center Master Plan; North Logan, Utah
South Side Urban and Residential Districts; Bethlehem, Pennsylvania

St. James Parish Campus Residential, Parish Hall, and Chapel Infill; Cambridge, Massachusetts
Town of Nantucket Urban Design and Infill Historic Piers Districts; Nantucket, Massachusetts
Town of Newburyport Urban Design and Infill Historic Piers Districts; Newburyport, Massachusetts

ARTS + INSTITUTIONAL

Billings Farm Museum; Woodstock, Vermont
Brown University Arts District Plan; Providence Rhode Island
Cleveland Museum of Art Connector Workshops Competition; Cleveland, Ohio
Jacob's Pillow Dance Festival Master Plan; Becket, Massachusetts
Knoxville Museum of Art North Garden; Knoxville, Tennessee
The Maine Media Workshops; Rockport, Maine
Northwestern University Arts District Plan; Evanston, Illinois
Northwestern University School of Music Plan; Evanston, Illinois
The Ohio State University Arts Corridor; Columbus, Ohio
Utah State University Arts District Plan; Logan, Utah

RESIDENTIAL + STUDENT LIFE

Alma College Residential Life Idea, Alma, Michigan
Colgate University Residential Life Study; Hamilton, New York
Cornell University Housing Districts Study; Ithaca, New York
Fordham University Residential Life Study; New York, New York
Georgetown University Residential Life Study; Washington, D.C.
Harvard University Faculty of Arts and Sciences Faculty Housing District; Cambridge, Massachusetts
Johns Hopkins Student Life and Residential Life Study; Baltimore, Maryland
Purdue University Housing Master Plan; West Lafayette, Indiana
The Ohio State University Housing Master Plan and Residential District Studies; Columbus, Ohio
The University of Akron Quaker Square Residential Study; Akron, Ohio
The University of Scranton Residential Life Plan and Implementation
Vermont Law School Framework Plan and Residential Study; South Royalton, Vermont

AWARDS

SCUP Honor Award for Built Work Regeneration and Addition, The Ohio State University South Campus District, 2013
AIA Merit Award, Campbell-Salice, and Conley Residence Halls, Fordham University, 2012
BSLA Honor Award for Urban Design and Planning, Vermont Law School, 2011
ASLA Award of Excellence, The One Ohio State University Framework Plan; Columbus, Ohio, 2012
SCUP Campus Planning Honor Award, Vermont Law School, 2011
SCUP Award for Institutional Innovation and Integration, The One Ohio State University Framework Plan; Columbus, Ohio, 2011
BSLA Merit Award for Landscape Analysis and Planning, The One Ohio State University Framework Plan; Columbus, Ohio, 2010
AIA Honor Award, Sacred Heart University Chapel and Courtyards, 2010
AIA, Utah Chapter, Award of Honor, Utah State University, Manon Caine Russell Kathryn Caine Wanlass Performance Hall, 2006
BSA Honor Award, Utah State University, Manon Caine Russell Kathryn Caine Wanlass Performance Hall, 2006
BSLA Honor Award for Urban Design and Planning, Sweet Briar College Master Plan, 2003
BSLA Honor Award for Urban Design and Planning, Bethlehem Southside and Residential Districts, 2003

SCUP and AIA Design Awards, University of Scranton Master Plan, 2002
AIA Housing Design Awards, University of Scranton Mulberry Street Housing, 2002
City of Cambridge, Building / Neighborhood Restoration Award, Cameron Avenue Studio Lofts, 2000
AIA Regional Design Award, Billings Farm, 1985
ASLA National Certificate of Honor, 1977
Harvard Graduate School of Design, Advanced Standing Scholarship, 1977

AWARDS PUBLICATIONS AND PRESENTATIONS

Ohio State University Arbor Day Address on the Oval, "Creating THE FOREST at Ohio State University", April 2011

Panelist, **The Future of Cities**, the Urban Model for 2020, Swiss Institute for Urban Design + Harvard Graduate School of Design, October 2010

New Zealand Lectures/Symposia:

Auckland Ministry Of Development/Planning and Universities: City/University Development, Wellington 2008

National Ministry Of Interior (Leadership of National Parks and Urban Design) "University Research and National Parks: Sustainable Strategies and Resource Stabilization" Wellington: 2008

National School of Architecture and Design Lecture Series; "The Knowledge City Economy"

Kansas State University Annual Lecture: School Of Design, Architecture, Interior Design, and Landscape Architecture, 2008 " SASAKI MISSION AND PLACE: A QUEST FOR INTEGRATION"

Philadelphia College Of Art and Design Lecture Annual Series "EVOLUTION, INTEGRATION ASPIRATION", 2007

Ohio State University School of Architecture Symposium, 2008 "The Knowledge City Evolution"

Ohio State University 2 Day Symposium, 2008 "Path to the Knowledge City and Ohio State University

Purdue University School of Landscape Architecture, 2006 Annual Lecture Series: "The Knowledge City Economy"

NATIONAL CONFERENCE UNIVERSITY RESEARCH CAMPUS: Lecture 2008 St Louis "New Paradigms On The Research Campus" Case Studies: Colorado Mines, Louisiana Tech And OSU Research

American University Research Parks National Conference, 2007, Atlanta

George Earle Lecture, School of Landscape Architecture, SUNY, Syracuse University, Syracuse New York 2007

"SASAKI MISSION AND PLACE: A QUEST FOR INTEGRATION",

Chronicle for Higher Education Article: a case for density on the American campus, 2006

SCUP AIA/ACE National Conference, Honolulu, Hawaii, 2006: Mission and Place

National University of Architecture in Santiago, Chile, 2006

"SASAKI MISSION AND PLACE: A QUEST FOR INTEGRATION"

"Mission and Place, Strengthening Learning and Community through Campus Design", the Oryx Press/ Praeger Publishers/Greenwood Publishing, January 2005

"The University and City: Attributes of Great Places", Utah State University Innovation Campus Groundbreaking. June 2003

"The University Civic", American University Architects Annual Conference, 2002

"A Niche In Nashville: Vanderbilt University", Society for College and University Planners, Regional Conference, November 2002

"Urban Guidelines for the University" Society of College and University Planners, Mid Atlantic Conference, 2001

"The University Civic", Professional Development Course on Campus Planning, Harvard Graduate School of Design, 2001

"The Great American Campus: Elements" American Society of Landscape Architects Conference, Ohio State University, 2000

"Elements of the Great American Campus", Professional Development Course on Campus Planning, Harvard Graduate School of Design, 2000

"American Settlements; Precedents, Milestones, Conflicts" American Society of Landscape Architects Centennial Conference, 1999

"The American Campus: Urbanization v. Urbanity", North American Conference "Greening of the Campus", Ball State University

"The 6th Plymouth Village: Pine Hills", Harvard Graduate School of Design, Professional Development Course on Master Planning, 1999

"City Re-Generation: University of Scranton", Harvard Graduate School of Design, Professional Development Course on Master Planning, 1999

INDEPENDENT RESEARCH

Managua, Nicaragua, A Village Plan for 250 Families

American Southwest, Historic Indian Settlements and Architecture

United States, Architectural Work of Frank Lloyd Wright

Mexico/Guatemala, Mayan and Aztec Settlement Patterns

Chajul, Guatemala, Contemporary Life of the Highland Maya

Quito, Ecuador, Historic and Contemporary Urban Settlement

Ecuador/Peru/Bolivia, Incan Settlements and Landforms of the Andes

United States, Hopi Reservation, A Self-sustaining Future

United States, Town Planning, Historic Patterns and Precedents

United States, Historic and Contemporary Campus Planning

"Mission and Place, Praeger Press and Publishers, January 2005