Institute Honors and Awards
Fellowship

THE AMERICAN INSTITUTE OF ARCHITECTS

2014 AIA Fellowship

Entry 30550

Nominee	Vergel Lee Gay, Jr.
Organization	Vergel Gay and Associates
Location	College Station
Chapter	Texas: AIA Brazos Chapter

Sponsor	David Woodcock
Organization	Center for Heritage Conservation Texas A&M University

Category of Nomination

Category Four: Public Service, Government, Industry, or Organization

Summary Statement

Vergel L. Gay, Jr. has advanced the practice of architecture as a public architect in the corporate and higher education worlds, leading in Integrated Project Delivery and Building Information Modeling, and by encouraging professional diversity.

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THE AMERICAN INSTITUTE OF ARCHITECTS

Nomination Signature Sheet

Vergel Lee Gay, Jr. AIA
Candidate's Name

Component Nomination

Name of component organization: AIA Brazos

Signature of chapter president or secretary: _____

Name of chapter president or secretary: Steven G. Schloss, AIA

or

Nominated by any 10 AIA Members *or* any 5 Fellows in good standing:

1. Signature/date _____
   Print/Type full name/chapter _____
2. Signature/date _____
   Print/Type full name/chapter _____
3. Signature/date _____
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10. Signature/date _____
    Print/Type full name/chapter _____

Note: It is the responsibility of the sponsor to notify the AIA component of a petition nomination.

David G. Woodcock, FAIA, FSA, FAPT / Preservation Consultant

1511 Wolf Run, College Station, TX 77840-7217, USA
979-696-4312 979-218-5950 cell

30 September 2013

Craig Rafferty, FAIA
Chair, 2014 Jury of Fellows
The American Institute of Architects

On behalf of AIA Brazos I am honored to sponsor **Vergel L. Gay, Jr., AIA** for elevation to Fellowship.

Vergel Gay earned his Master of Architecture degree from Texas A&M University in 1974, and subsequently became our first African American graduate to become a licensed architect. Having chaired his graduate committee and followed his professional career, I can attest that the passion for good practice and an inclusive environment that he demonstrated as a student have remained hallmarks throughout his career.

His thirty years of corporate and institutional professional leadership have resulted in buildings that meet the needs of their users, and reflect the character and values of those who commissioned them.

As a responsible administrator he has required the utilization of Building Information Modeling and Integrated Project Delivery resulting in the effective and efficient use of resources, created institutional frameworks for architects to do their best work, and enhanced the ability of professional teams.

As a leader who recognizes the environmental and financial significance of energy conservation, he has commissioned more than twenty projects designed to Gold or Silver LEED standards.

As an engaged practitioner he shares his experience and expertise through leadership in professional organizations, and presentations to a wide range of professional and academic audiences. He continues this work as a faculty member in the College of Architecture at Texas A&M University.

As an active member of the Institute he has served on the AIA Public Architects Committee, and will assume the chair position in 2014, advocating for the role of the architect in governmental institutions.

As a minority professional he continues to mentor and guide academic programs, institutions and individuals, thereby broadening awareness and opportunities for the entire professional community.

Vergel Gay's elevation to Fellowship will recognize a transformative force, whose leadership, dedication and passion have added quality to the built environment, raised the standards of practice, and increased diversity in the profession.

David G. Woodcock

David G. Woodcock, FAIA, FSA, FAPT
Professor Emeritus of Architecture
Director Emeritus, Center for Heritage Conservation
Texas A&M University

Section 1.2 Summary Of Achievements

Nominee Vergel L. Gay, Jr., AIA

Summary **Vergel L. Gay, Jr. has advanced the practice of architecture as a public architect in the corporate and higher education worlds, leading in Integrated Project Delivery and Building Information Modeling, and by encouraging professional diversity.**

University and Corporate Leadership

Gay is a facility leader with over 37 years of experience in the corporate, municipal and higher education arenas

- Chief Facilities Planning and Construction Officer — encompassing 11 universities, one health science center and seven agencies throughout Texas for The Texas A&M University System,
- Associate Vice Chancellor for System Facilities and University System Architect encompassing 2 universities, 1 health science center and a system center for the University of North Texas System
- Executive Director for Facilities Planning and Construction — encompassing 4 universities for the University of Houston System
- Chief Architect for the City of Houston-including facilities for city departments such as Fire, Police, Libraries, Convention and Entertainment,
- Senior Project Architect for the Texas A&M University System,
- Area Manager-Architecture for Southwestern Bell Corporation (now AT&T)

Gay's leadership for three of Texas' largest public university systems has established guidelines that have compelled fellow architects to apply new technology and project delivery methodology best practices that amplify a commitment to design excellence.

Integrated Project Delivery and Building Information Modeling IPD/BIM

Managed teams of planners, architectural and engineering project managers and construction professionals through programs that have produced award winning designs, LEED gold certified buildings.

Through his leadership positions as an Owners Architect and his work with the AIA Public Architects Committee and the Texas Society of Architects, Vergel has encouraged over 200 firms around the the country to embrace the utilization of BIM as an effective design and project delivery tool thereby effectively increasing the productivity and quality of architectural practice within firms associated with his projects.

He has implemented the systematic use of Integrated Project Delivery (IPD) principles and Building Information Modeling (BIM) as the tools of choice to deliver projects on time and often below the budget.

Best-Practices Architect and Educator

Vergel Gay is passionate in sharing his stories of success and lessons of failure with a wider audience. For four years has Gay has chaired the Texas Society of Architects Integrated Project Delivery and Building Information Modeling (IPD/BIM) Task Force, overseeing the development of recommendations and the dissemination of best practice methodology across the state of Texas. Vergel has worked as a member of the AIA Public Architects Knowledge Committee and chaired the 2013 workshop at the 2013 AIA Convention. This perch has given him opportunities to reach over 600 plus public architects and private practitioners.

He has presented BIM and IPD best practice methodology at meetings and conferences held throughout the United States. These have been exchanges, collaboration and presentations to nearly 2000 individuals.

- AIA Convention /Public Architects workshops
- Society of College & University Planners Conferences
- International Town & Gown Association (ITGA)Conference
- Craig Michaels Campus Development Summits,
- Texas Colleges and University Facilities conferences,
- Texas Society of Architects
- Associated General Contractors (AIA/AGC) combined meetings.
- Project Delivery Conference - University of California at San Francisco

Currently, Gay is a part time lecturer at Texas A&M University teaching course work detailing "project control" methodology

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Passionate Advocate for Professional Diversity

First African-American graduate of Texas A&M University to become a licensed architect

Gay created the National Organization of Minority Architects Houston chapter's annual Diversity Career Fair that has provided employment opportunities for over 300 minority architectural and construction sciences students.

Increased by 600%, the inclusion of African American architectural firms doing work with the A&M System

Doubled the number of minority architecture firms doing business with the A&M System

Mentored the first African-American architectural doctoral candidate to successful completion of his Ph.D. at Texas A&M University

Pro-bono services have included grant writing, design review and budgeting for the development and renovation of the Rufus F. Hardin African-American School museum in Brownwood, Texas.

"When people look back at this moment in the architectural history of Texas, they will have to carefully consider the significant contributions made by Vergel Gay to the advancement of our profession. More than any other individual he has fostered the integration of digitally based information technology with more traditional architectural standards and changed the development of public architecture forever."

- Henry R. Muñoz III, CEO
Muñoz Architects, San Antonio, Texas

2.1 Significant Work: Projects & Management

Chief Facilities Planning and Construction Officer — 11 Universities, 1 Health Science Center & Seven State Agencies

Directs projects that add value to the higher education experience

The Texas A&M University System

- **Led the design and construction of 20+ LEED gold and silver designed buildings that increased the sustainability of 9 campuses in the A&M System**
- Led the on-going planning, design and construction of 100-plus projects valued at over 3 billion for the Texas A&M University System.
- Developed and implemented a systemized form of project management that utilizes Integrated Project Delivery (IPD) principles.
- Oversaw the completion of 40-plus Competitive Sealed Proposals (CSP) and 40-plus Construction Manager at Risk (CM@R) projects that were delivered with buyout and bid savings that approached $100,000,000.
- Led the implementation of the utilization of Building Information Modeling (BIM) on all CM@R projects for the Texas A&M University System.

Texas Institute for Preclinical (TIPS)
Perkins + Will
Texas A&M University

Mitchell Physics
Michael Graves & Associates
Texas A&M University

Agricultural Headquarters & Museum
Kirskey Architects
Texas A&M AgriLife Research

Ocean and Coastal Studies Building
Perkins + Will
Texas A&M University

Music Building
BRW Architects
Texas A&M Commerce

Multi-purpose Building
Kell Munoz
Texas A&M - San Antonio

Sports Complex Development Plan
Leo A. Daly + Smith & Company
Prairie View A&M University

Campus Development Plan- Central Texas
Good Fulton Farrell
Texas A&M Central Texas

Campus Master Plan- Kingsville
Broaddus & Associates
Texas A&M Kingsville

Nursing Building
Randall Scott Architects
Tarleton State University

THE TEXAS A&M UNIVERSITY SYSTEM

STATE AGENCIES: Texas A&M AgriLife Research, Texas A&M Engineering Experiment Station, Texas A&M AgriLife Extension Service, Texas A&M Engineering Extension Service, Texas A&M Transporation Institute, Texas Veterinary Medical Diagnostic Laboratory, Texas A&M Forest Service

2.1 Significant Work: Projects & Management

Associate Vice Chancellor and Facilities and University System Architect — 2 Univerisites, 1 Health Science Center and Downtown Dallas University Center

Directs projects that facilitates effective design

University of North Texas System

- Implemented the use of BIM and IPD project delivery management methodology
- Revised budget and implemented proper Guaranteed Maximum Price (GMP) delivery time for two major residence hall projects.
- Put in place the proper implementation/application of the Construction Manager at Risk (CM@R) process in order to ensure that two on-going projects would be delivered within budget and on time.
- Established an organization with three directorships that included planning, design and construction.
- Negotiated the hire of three key personnel who are in place to this day.

"Vergel Gay transformed the (UNTS) operation into a modern professional client oriented organization. He worked to change the philosophy and the procedures of the department introducing new methods and concepts in planning and construction."

—Richard Escalante
Vice Chancellor for Administative Services
University of North Texas System

Legends and Honors Hall
PGAL

UNIVERSITY OF NORTH TEXAS SYSTEM | UNT DALLAS | UNT HEALTH SCIENCE CENTER | UNT UNIVERSITY OF NORTH TEXAS Discover the power of ideas.

2.1 Significant Work: Projects & Management

Directs processes that expand on new project delivery methods

Executive Director of Facilities Planning and Construction — 4 Universities

The University of Houston System— Managed a capitol plan of $300 million

- Established a planning unit to manage the growing number of projects awarded by the Texas State Legislature.
- Established a project delivery unit focused on the design and construction of projects.
- Implemented the use of Competitive Sealed Proposals (CSP) and Construction Manger at Risk (CM@R) as project delivery methods for the University of Houston System.
- Implemented a one project manager per two projects "cradle to grave" approach of management of projects in order to handle the rapidly increasing number of projects.
- Established a minor projects unit to be responsible for all renovation and repair projects at the flagship campus.
- Established as part of the minor projects divisions a methodology to systematically address the backlog of $95 million in "deferred maintenance" projects.

Campus Recreation and Wellness Center Hughes Group/ Bricker Cannady

MD Anderson Library Morris Architects

Urban Education Building Gensler

Shea Street Building PGAL Architects

Student Success Building HOK

2.1 Significant Work: Projects & Management

City of Houston—Chief Architect

Directs projects that reflect the aspirations of a major city

As Chief Architect for 11 months, Gay oversaw the project management work of a $100 million capital improvement plan that included the various city departments such as the Library, Fire, Police, Solid Waste and Convention and Entertainment Departments. His staff included six project managers, three administrative assistants and a variety of outsourced personnel. Gay led the planning of the George R. Brown Convention Center in Houston, Texas in 1997, doubing its size. This was the base plan to add to each end of an existing facility in order to accommodate the subsequent development of a hotel and parking garage project as part of a project to foster downtown economic development for the city of Houston.

Noteworthy Accomplishments

The nominee shepherded the completion of two fire stations, the initiation and close out of three library projects and the initial planning for a $100 million addition to the Houston George R. Brown Convention Center, one of the city's largest and most recognizable landmarks.

2.1 Significant Work: Projects & Management

The Texas A&M University System—Project Manager

Directs projects that establish leadership.

Gay's career in higher education began as a System Architectural Project Manager for the Texas A&M University System in the fall of 1993. During his tenure, he executed projects for the Texas Transportation Institute, Texas A&M University Materials Management Engineering College and the planning, design and construction of Reed Arena.

In 1995, Gay accepted for The Texas A&M University System the challenge of hosting The "No Name Conference," a major facilities planning and construction conference in College Station, TX. May 1997, after two years of planning, the conference welcomed over 400 attendees representing over 40 institutions from around the United States and Mexico. As conference host, Gay helped to position The Texas A&M University System as a leader in the planning, design and construction of higher education facilities.

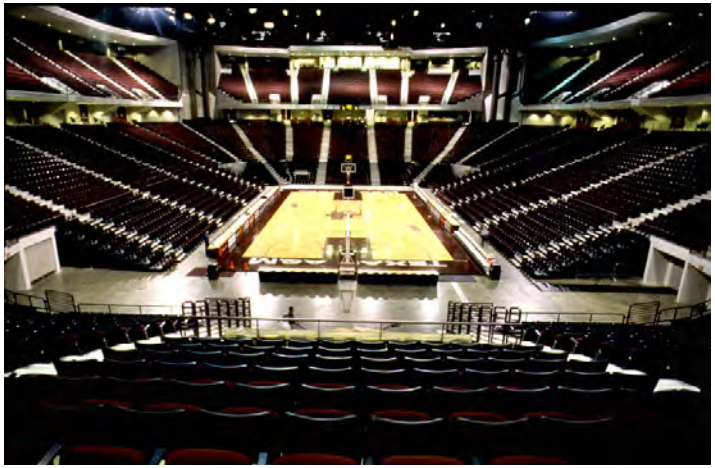
"Vergel Gay is certainly one of the leaders in our field. One of his achievements which I am familiar with is his success hosting the 19th annual "No Name" Facilities Planning Conference held on Texas A&M University's College Station campus in 1997...The 200 participants at the conference included representatives from nearly 40 colleges and universities nationwide, four from Mexico, one from Canada and one from Puerto Rico. Architectural and construction management firms also attended, including firms such as Gilbane, HKS, HOK and NNJ throughout the country. Having attended 25 of these conferences in my 40-year career, I can say that the program at the Texas A&M University was one of the most memorable ones with the noteable speakers and tours of the campus facilities."

- Jack Probasco
Principal, Comprehensive Facilities Planning, Inc.
Columbus, Ohio

Noteworthy Accomplishments

Gay was the project manager for the A&M University System Reed Arena project and conference chair for The "No Name Conference."

Reed Arena Lockwood Andrews Newmam



Southwestern Bell Telephone Co./ Now known as AT&T

Directs projects that improve the corporate image.

Vergel Gay forged a strong management team from the diverse groups participating in the building construction program during the 19 years (1974-1993) he served Southwestern Bell Telephone Company (SWBT) as a corporate architect. During those years he handled assignments in St. Louis, Missouri; San Antonio, Texas; Dallas, Texas; and finally, Houston, Texas. He was part of the Texas state staff organization in Dallas during the divestment of SWBT, now a subsidiary of AT&T.

"Vergel learned from his experiences in the Southwestern Bell Engineering Department the importance of forging a strong management team from the diverse groups participating in the building construction program each year. He developed skills in interdepartmental peer management that helped his team maintain their focus in providing building needs for the company. He always understood and accomplished his role as the leader of this team."

- Mr. Herbert Looney, AIA
Director (Retired)
AT&T

Noteworthy Accomplishments

As Area Manager-Architecture during the last seven years, he supervised a staff of 20 that included architects, interior designers and construction inspectors for the Houston Division. This divisional operation was responsible for real estate transaction and the planning, design and construction of facilities associated with a $15 million capital operation. Projects he managed included multiple equipment building additions, several new buildings and multiple interior renovations. By the end of his tenure, Vergel Gay had become the Southwestern Bell Telephone go-to expert on underground storage tank facilities and all matters "ergonomic" with regard to proper selection, placement and overall design of body healthy operator services work stations.

"His most complex challenge came when he was given the task of moving the entire Houston Headquarters group for Southwestern Bell to a new location (some 1500 managers in a 13 story building). He, as leader of the team responsible for this relocation, assembled the design, space planning, interior design, infrastructure/communication, and construction personnel necessary to plan and implement this move. Even though many of these groups were not in his department, his initiative and leadership were the catalysts it took to get the job done."

- Ibid

Southwestern Bell

at&t

2.1 Significant Work: Service to the Profession (IPD, BIM, Diversity)

Notable Accomplishments: Integrated Project Delivery

— Integrated Project Delivery (IPD) and Building Information Modeling (BIM) - The Texas A&M University System and Texas Society of Architects Task Force Chair

Creating The Framework Where Architects Can Do Their Best Work.

Building Information Modeling

Gay led The Texas A&M University System (The System) Facilities Planning & Construction (OFPC) operations to increase the integration of digitally-based technology such as Building Information Modeling (BIM) and Integrated Project Delivery (IPD) as a process of planning, design and construction of higher education projects for more than half of the 100 projects completed.

The nominee began this process with the adoption of learned techniques utilized to manage Design/Build and Construction Manager at Risk Delivery (CM@R) methods based on experiences learned and developed at the University of Houston System and the University of North Texas System. A key "requirement" established by Gay has been the utilization of BIM as the primary operating tool in conjunction with the Design/Build and CM@R delivery methods. This effective, cost-saving use of BIM has been mandated contractually under Gay's direction.

Contractual requirements instituted by Vergel Gay
- BIM execution plan
- Initiation of a project planning/design model with contractor input
- Utilization of the model as the bases for the development of all plans
- Utilization of the model for energy and daylighting analysis
- Utilization of the model for space area calculation
- Utilization of the model for all design studies-exterior and interior
- Utilization of the model for the development of presentation devices
- Utilization of the model for clash detection
- Utilization of the model for cost analysis

In addition to utilizing BIM, Gay created The Texas A&M University System's "project management" applications that stems from The American Institute of Architects National and California Council's 2007 publication, "Integrated Project Delivery: A Guide", while also utilizing a few unique modifications to maximize The System's success. The applications of these principles have been the basis of the management methodology for the delivery of The Texas A&M University System Facilities Planning and Construction projects for the last five years. The nominee's insistence on the contractual inclusion of these elements have paved the way for upgrading the aggregate process by which architects will be designing and delivering buildings.

"Since Vergel left the UNT System for A&M, I have had an opportunity to observe him bring to our professional organizations new concepts and ideas in project management and design. He has introduced the concepts and benefits of tools such as BIM to those of us who are not architects. He continues to share his knowledge and experience with the profession on a regular basis."

- Richard Escalante
Vice Chancellor for Administative Services
University of North Texas System

2.1 Significant Work: Service to the Profession (IPD, BIM, Diversity)

Creating The Framework Where Architects Can Do Their Best Work.

Vergel implemented these adaptations through directing: written BIM execution plans, model creation standards, model use protocols, construction document prep integration,GMP scheduling,scheduled estimate reviews and design critiques

Vergel led directly by leading meetings, reviewing standards, protocols, schedules, budgets meetings and on many occasions personally participating in the direct design effort.

American Institute of Architects Integrated Project Delivery principles	The Texas A&M University System Office of Facilities Planning and Construction Adaptation
Organizational and Leadership Early Involvement of Key Participants Mutual Respect and Trust Open Communication	• A/E team and CM Contractor chosen at the same time • University representatives participate in selection of A/E and CM contractor • OFPC managers guide the selection process • Architect and Contractor established as whole team members with the group given authority to signal a need to pause design work if project is going over budget, therein allowing the A/E to draw "once"
Collaborative Innovation and Decision Making Early Goal Definition Intensified Planning	• "Right sizing" the project by verification of square footage vs. early estimated cost, establishing the fit and finish levels and overall project • Joint creation of the design model between A/E and CM contractor • Sharing of the model on a single FTP website • Model managed through leadership by A/E with assistance from contractor
Appropriate Technology Mutual Benefit and Reward	• Contractually mandated use of BIM • Software choice by A/E team • Lean construction techniques featuring "Just In Time Delivery" and "prefabrication • Web FTP sites • Additional compensation is not allowed in higher education contracts by Texas State law • Single contracts between the Owner, A/E and CM contractor are not allowed in higher education contracts by Texas State law

2.1 Significant Work: Service to the Profession (IPD, BIM, Diversity)

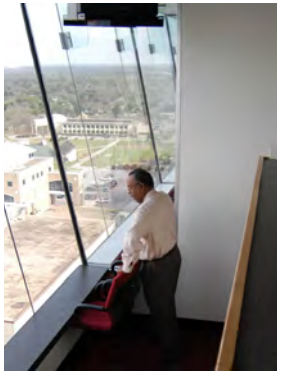
Creating The Framework Where Architects Can Do Their Best Work.

By utilizing the tool of BIM and the harness of IPD, a force is created that maximizes our opportunity for success. Thereby, CREATING THE FRAMEWORK FOR ARCHITECTS TO DO THEIR BEST WORK.

- Vergel Gay

Texas A&M University System IPD/ CM@R Emphasis

In addition to the nominee's adaptation of the AIAs nine principles of IPD, Gay has implemented five more management techniques unique to The Texas A&M University System Office of Facilities Planning and Construction management of Construction Manager at Risk (CM@R) and Competitive Sealed Proposal (CSP) projects.



1. ITERATIVE ESTIMATING

- Daily and weekly estimating based on participation with the architect with regard to model development and design intent
- Estimating at milestone points de-emphasized; while repetitive on-going estimating aimed at assuring the architect to minimize drawing/ redrawing thereby creating efficiency of document development.

2. GUARANTEED MAXIMUM PRICE (GMP)

- Issued at the end of the Design Development documents.
- Construction document (CD) start package issued concurrently with GMP.

3. PROJECT BUILD GMP

- GMP is issued to owners as priced to build the complete project and is not based on Design Development documents alone.
- Started at the end of the Design Development phase before document complete.

4. CONTINUOUS TEAMING AFTER GMP ISSUANCES

- Continued collaboration lead by architect after GMP.
- Architect utilizes contracts during CD phase with potential of eliminating shop drawings.

5. COMPLETION OF DOCUMENTS

- Some merging of shop drawings and CD
- Team punch-lists
- Team sign-offs
- COBie Data Sets
- As-Built drawings (prepared as digital model by contractors)
- Installed

Vergel Gay has guided the FPC group through approximately 90-plus design/build and CM@R projects where 98% of the projects have either bid or achieved buyout savings of about 4-5%. This has resulted in completing all but two projects on time while yielding approximately $100 million in savings.

Notable Accomplishments: Diversity

Diversity: a life long calling to the Profession in every stage of Vergel Gay's career

As the first African American graduate of Texas A&M University to become a licensed architect, the nominee has always strived to give back and do whatever he could to foster diversity within the architectural profession. He has mentored over 50 minority architectural graduates and has worked with multiple minority firms, in their formative years, helping them to develop strategies to grow and develop into competitive ventures. His insistence on partnership/associate strategies with major firms has increased the diversity of firms that do work with the Texas A&M University System. His work with the National Organization of Minority Architects (NOMA) has provided career opportunities to many minority architectural graduates from architectural schools in Texas.

Accomplishments:

- **Mentoring the first African American Ph.D. to graduate from Texas A&M University who is now a Vice President with PageSoutherlandPage Architects in Houston, Texas**
- **Formulating and putting on four Diversity Career Fairs for minority architectural students from 2008-2011 that provided job opportunities for over 300 students**
- **Increasing the Historically Underutilized Businesses participation for the Texas A&M University System from 16% in 2007 to 32% in 2011 (These percentages represent a total of $61,000,000).**

"Vergel Gay played an integral part in the course of my career in architecture. He recognized an ability in me that not even I had realized at the time, ensured that my experience as a project manager at University of Houston gave me a glimpse of the full breath of a career in facilty project management, exposing me to capital projects with budgets from $100,000 to over $500,000. Vergel introduced me to the diverse careers available to architects and I now cannot imagine myself doing anything else.... It was due to him and his position as the Chair of the Diversity Committee with the Texas Society of Architects that we started an annual Diversity Career Fair for architecture students in 2006. With his personal invitation to every architecture and construction firm in and around the City of Houston, the career fair continues to be a success."

- Anzilla Gilmore AIA, NOMA
Project Mananger, Rice University,
Houston, Texas

"Vergel's commitment to our profession, and most importantly, his commitment to increasing diversity in architecture is unmatched. His work with NOMA and the Diversity Career Fair has assisted numerous minorities and women gain positions with both architecture and construction companies. His work in pushing firms to implement state-of-the-art strategies utilizing BIM and Integrate Project Delivery has assisted in our industry's growth and garnered respect from firms within Texas and beyond."

- Terry Smith AIA, NOMA
President Smith & Company Architects Inc.,
Houston, Texas

"Without his mentoring, I would not have considered the opportunity with University of North Texas System....this position has enabled me to achieve professional growth and provided me the opportunity to advance my professional career... (and) I probably would not have made the transition to Higher Education and for this I will always be grateful to him. He is an exceptional asset to the architectural community and the profession."

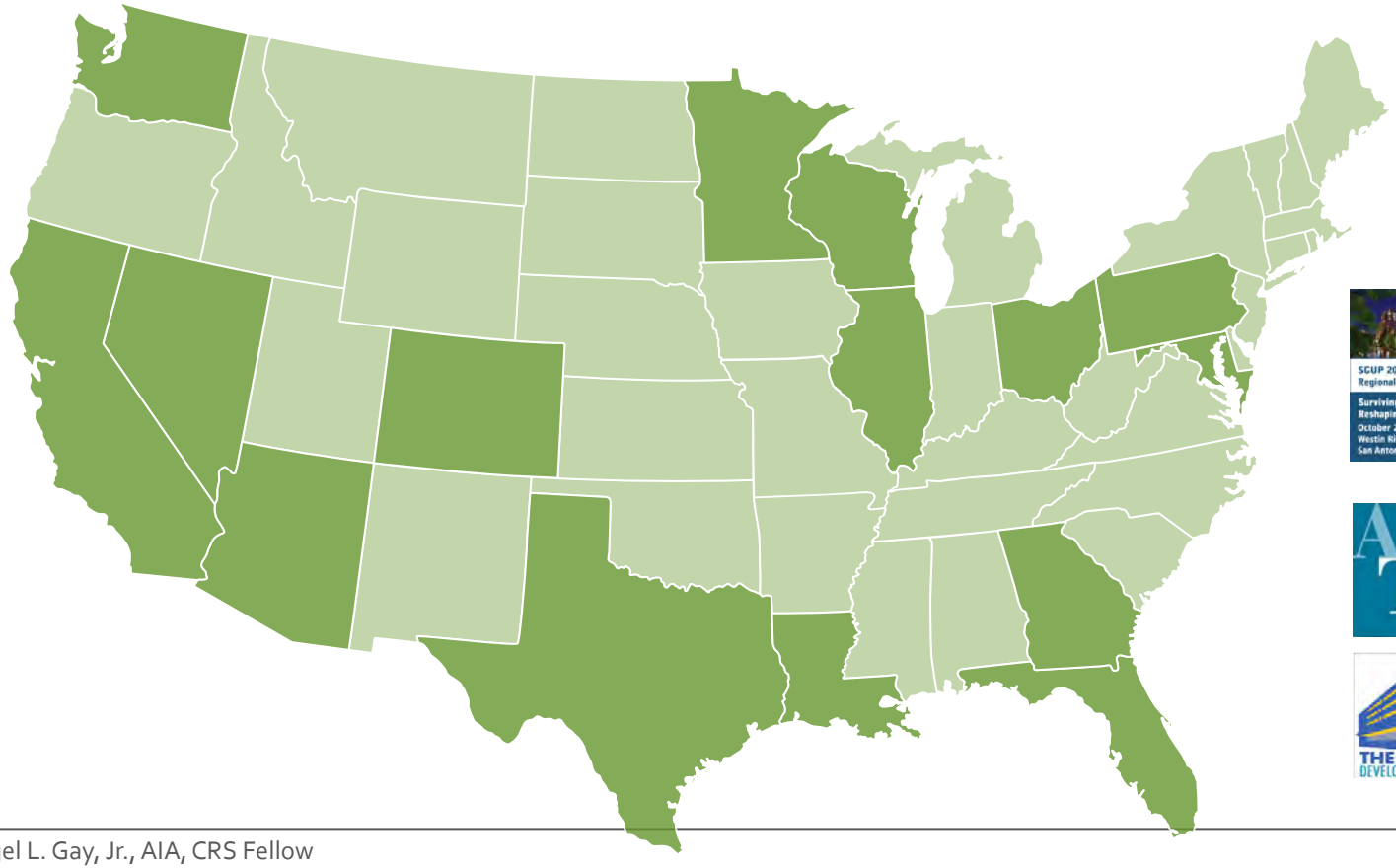
- Lilia Y. Gonzales, AIA, LEED AP
University Architect
Texas A&M University
College Station, Texas

2.1 Significant Work: Speeches and Presentations

In the nearly 18 years that Gay has served as one of Texas higher education's most prominent and engaged public architects, he continually speaks and makes presentations to architects, contractors, real estate professionals, and owners, with regard to the implementation of Building Information, Integrated Project Delivery and Owner/Architect relationships throughout the United states.

Presentations by the Nominee:

- Craig Michaels Campus Summit — Scottsdale, Arizona, 2009
- AIA Knowledge Leadership Assembly — Washington D.C., 2010
- Construction Owners Association of America — Austin, Texas, 2010
- Construction Owners Association of America — Tampa, Florida, 2010
- Craig Michaels Campus Summit — Ft. Lauderdale, Florida, 2010
- Society for Marketing Professional Services — Chicago, Illinois, 2010
- Texas Colleges and University Facilities Conference — Lubbock, Texas, 2010
- AIA Houston Workshop — Houston, Texas, 2011
- AIA Knowledge Leadership Assembly — Philadelphia, Pennsylvania, 2011
- AIA National Conference — New Orleans, Louisiana, 2011
- International Town Gown Association — Boulder, Colorado, 2011
- National Organization of Minority Architects Conference — Atlanta, Georgia, 2011
- Society of College and University Planners — San Antonio, Texas, 2011
- Wisconsin Discovery Center BIM/IPD Review — Madison, Wisconsin, 2011
- AIA Knowledge Leadership Assembly — Seattle, Washington, 2012
- AIA National Conference — Washington D.C., 2012
- Skanska Corporate Development Session — Las Vegas, Nevada, 2012
- AIA Public Workshop Chair, 2013
- Project Delivery Workshop Univ. Calif. San Francisco, 2013



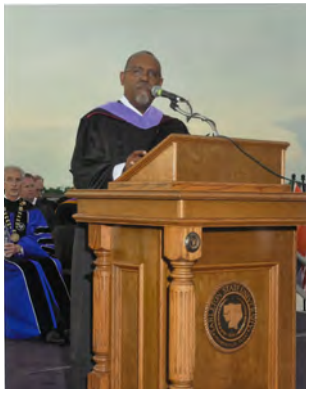
2.1 Significant Work: Honors and Recognition

Honors and Recognition

- **20 LEED Silver or Gold designed projects on 12 campuses**
- **CRS Center Professional Fellow at the Texas A&M University College of Architecture, 2010-2013**
- **Texas Society of Architects AIA Certificate of Appreciation, BIM Task Force Chair 2008-2012**
- **Texas A&M University College of Architecture's Outstanding Alumni Award recipient, 2007**
- **National Organization of Architects, AIA Certificate of Achievement, 2007**
- **One University of North Texas project receiving three awards, 2007**
- **Five University of Houston System projects received Education Interiors Showcase Awards by the American School and University magazine, 2005**
- **First African-American registered architect from College of Architecture at Texas A&M University, 1979**

2.2 Significant Work: Academic Service

Teaching Experiece and Academic Service



- Lecturer, Project Controls Course, Texas A&M College of Architecture, Fall 2012
- Guest Lecturer, Facility Management: Industry Trends and Career Development, Texas A&M College of Architecture, Spring 2011
- Guest Lecturer, Facilities Condition Assessment, Texas A&M College of Architecture, Spring 2011
- Project Evaluator, Building Information Modeling-Based Construction Project Management Schedules, Texas A&M College of Architecture, December 2010
- Guest Lecturer, Project Life Cycle of a Constructed Building, Texas A&M College of Architecture, Fall 2010
- Guest Lecturer, Facilities Condition Assessment, Texas A&M College of Architecture, Fall 2010
- Project Evaluator, Student Construction Plan Contest, Veterinary Imaging & Cancer Treatment Center of Texas A&M University, Construction Science Program COSC 489 class, Texas A&M College of Architecture Spring 2010
- Guest Lecturer and Facilitator, Design Case Study Studio, Gerald D. Hines College of Architecture at the University of Houston, Spring 2004, 2005
- Guest Lecturer, Career Development presentation, School of Architecture, Prairie View A&M University, Spring 2005
- Guest Studio Critic, Health Care Studio Project, Professor George Mann, Texas A&M University College of Architecture, Fall 2004
- Adjunct Faculty, San Antonio College, San Antonio, Texas, 1980
- Project Evaluator, 2005, Student Design Contest, Corinthian Catfish Pond, Master of Achitect Program ARCH 605 class, Texas A&M College of Architecture, Fall 2005

2.2 Significant Work: Community and Committee Service

Historical Preservation Experience:

- Grant writing and construction documents review, R. F. Hardin Museum, Inc., Brownwood, Texas, 1995
- Co-writer for grant proposals resulting in awards for the R.F. Hardin Museum from the National Trust, Summerlee Foundation, Texas Preservation Trust and the Texas Historical Commission, 1994
- Preliminary documentation of Greene Plantation residence, Kendleton Historic Preservation, 1985

Committee Memberships:

- I-LinCP (Leadership in Capital Projects) Advisory Council Member, 2010-present
- Conference Planning Committee member, Sponsorship Committee Co-chair, Steering Committee member, and a founding member, The Association of Texas College and University Professionals 2009-present
- Chair, Texas Society of Architects, Integrated Project Delivery/ Building Information Modeling (IPD/BIM) Task Force, 2008-present
- Member National Organization of Minority Architects, 1990 to present
- Jury member, 2011 Thomas Jefferson Award for Public Architecture, Fall 2011
- Board member, Institute of Leadership in Capital Planning (I-LinCP), 2010
- Task Force Chair, Integrated Project Delivery/Building Information Modeling (IPD/BIM) Task force, Texas Society of Architects (TSA) 2008-2010
- Co-chair, sponsorship committee, Association of Texas College and University Facilities Professionals (T-CUF), 2009-2010
- Steering Committee Chairman, Texas Higher Education Facility Conference developed external funding that grossed over $100,000 and led to a surplus of funds, 2004
- Chair, Texas Higher Education Coordinating Board Campus Building Condition Advisory Committee, 1999-2000
- Steering Committee Chairman, Texas A&M University System Facility Conference, developed external funding that grossed over $100,000, in sponsorship and donations 1996
- Comittee member, Co-writer for grant proposals resulting in awards for the R.F. Hardin Museum from the National Trust, Summerlee Foundation, Texas Preservation

Conference Host:

- 2010 Fall and 2011 Spring Conference Host: The Texas A&M University System Quarterly Facilities Director's Meeting
- 2010 Conference Host: 2010 Statewide Facilities Leaders' Annual Conference
- 1997 "No-Name Conference," Conference Host and Steering Committee Chair, The Texas A&M University System Facilities Planning And Construction Conference, developed external funding which grossed over $100,000 in sponsorship and donations

2.3 Significant Work: Publications

Publications about the Nominee

- "The Challenges of the 21st Century Campus: How the Economy, Demographics, and Technology Are Impacting Higher Education" Society of Marketing Professional Services, Build Business Magazine. June 2011
- "CoSci to Unveil New BIM CAVE Immersive Visualization Facility" —Archone. Spring 2011
- "Building Information Modeling" —Department of Construction Science College of Architecture. Archone. Spring 2010
- "Students Showcase Building Information Modeling Skills to Construction Executives" —Archone. Spring 2010
- "A&M, System to Share Services" —The Eagle. January 14, 2010
- "College Honors Seven Outstanding Alumni" — College of Architecture Newsletter. Summer 2007
- "A&M Construction Project Adds Up to $700 Million" —The Eagle. June 17, 2007
- "Former Student Oversees MSC Plans" —The Battalion. February 27, 2009
- "A&M System Hires New Managing Director of Facilities" —Texas Government Insider by Strategic Partnerships, Inc. February 2007
- "Appointment of Associate Vice Chancellor for System Facilities" — University of North Texas System Board Briefing. April 2006
- "College Concludes Initial Interviews With Architecture Department Head Candidate" — Archone. March 2006

Publications about Projects: Texas A&M University

- "Campus Building Opens at Texas A&M-San Antonio Facility Includes 20 Classrooms, Science Lab" — American School & University. August 25, 2011
- "Student Housing Under Construction at Texas A&M Galveston" — American School & University. June 2011
- "TAMUG to Build Two New Residence Halls" — The Daily News. June 20, 2011
- "Tarleton State University Opens Southwest Regional Dairy Center" — Tradeline Inc. May 10, 2011
- "Tarleton State University Opens New High-Tech Dairy Center" — Abilene Reporter. May 5, 2011
- "Tarleton Opens State's First University Research Dairy Center" — Fort Worth Business Press. April 28, 2011
- "Construction Zone: Expanded Sports Complex" — American School & University. April 1, 2011
- "Thank-A-Farmer Partners with Southwest Dairy Farmers" — Southwest Dairy Museum's Quarterly Newsletter. April 2011
- "New Southwest Region Dairy Center to be Unveiled May 5" — Texas Dairy Review. April 2011
- "New Tarleton State Research Dairy Aims to Become Leading Center" — Wacotrib.com. January 17, 2011
- "Ocean and Coastal Studies Building" — Tradeline Inc. January 2011
- "Texas A&M University-Commerce, Master Plan" — School Designs. 2011
- "Texas A&M breaks Ground on Liberal Arts Facility" — American School & University. December 29, 2010
- "Texas A&M Project: Early IT Planning" — ENR Texas & Louisiana. December 2010
- "Texas A&M Health Professions Education Building, Bryan" — ENR Texas & Louisiana. December 2010
- "Texas A&M University Plans Student Housing Second Phase" — ENR Texas & Louisiana. December 2010
- "$53 Million Ocean Facility is dedicated at Texas A&M at Galveston" American School & University November 15, 2010
- "TAMU Comes to Killeen" — ENR Texas & Louisiana. October 2010
- "Texas A&M Texarkana Student Housing Under Way" — ENR Texas & Louisiana. September 2010
- "Skanska Develops TAMU Health Science Center Clinical Building" — ENR Texas & Louisiana. September 2010
- "Texas A&M University at Texarkana- Multi-Use Library and Physical Plant" — ENR Texas & Louisiana. June 2010
- "Texas A&M Memorial Student Center/Univ. Center Complex" — ENR Texas & Louisiana. June 2010
- "Texas A&M University, Agricultural Headquarters" — ENR Texas & Louisiana. June 2010
- "West Texas Market Report" — ENR Texas & Louisiana. May 21, 2010
- "Higher Education Stays Afloat" — ENR Texas & Louisiana. March 2010
- "Texas Transportation Institute Headquarters & Research Building" — Education Design Showcase. 2010

2.3 Significant Work: Publications (Cont.)

Publications about Projects: (Cont.)

- "Cox-McFerrin Center for Aggie Basketball" — Education Design Showcase. 2010
- "Texas A&M University Cox-McFerrin Center for Aggie Basketball, College Station, Award of Excellence- Green Building" — ENR Texas & Louisiana. December 2009
- "Texas A&M University McFerrin Athletic Center, College Station, Best Sports/Recreation" —ENR Texas & Louisiana. December 2009
- "Texas A&M University-San Antonio Starts Design for First Building" —ENR Texas & Louisiana. December 2009
- "Poor Economy Doesn't Slow Student Housing Construction" —ENR Texas & Louisiana. December 2009
- "Texas Construction Announces Best of 2009 Winners" — Texas Construction. October 2009
- "New Texas A&M Agriculture Headquarters Breaks Ground" — ENR Texas & Louisiana. September 2009
- "Texas A&M University San Antonio New Main Building" — Kell Munoz Architects. Fall 2009
- "Texas A&M Health Science Center Campus Phase I" — Texas Construction. June 2009
- "Army Land Transferred to Texas A&M System" — American School & University. May 2009
- "New Facility Planned for Texas A&M University" — American School & University. March 2009
- "Texas A&M-Corpus Christi Hires Architect for Business School building" — The San Antonio Business Journal. February 2009
- "Groundbreaking Set for Tarleton Dairy" — High Plains Journal. February 2009
- "Business School Facility Planned for Texas A&M-Corpus Christi" — American School & University. February 2009
- "McFerrin Athletic Center" — Education Design Showcase. 2009
- "Texas A&M University, McFerrin Athletic Center" — School Designs. December 2008 (second article)
- "Texas A&M University, McFerrin Athletic Center" — School Designs. December 2008
- "UH-Downtown Adds Classrooms, Takes Place in City Skyline" — Houston Business Journal. April 2008
- "Shea Street Building 2008 Landmark Award Finalist" Houston Business Journal. April 2008
- "Recreational Sports Facility" — Education Design Showcase. 2008
- "Shea Street Building" — Education Design Showcase. 2008
- "Honors and Legends Residence Halls: — Education Design Showcase. 2008
- "Tarleton State University (Texas A&M University System), Recreational Sports Facility" — School Designs. November 2007
- "UH- Downtown Shea Street Building Formally Opens Tuesday Press Release" — November 2007
- "Texas A&M University Interdisciplinary Life Science Building" — Texas Construction. June 2007
- "Physics Building Under Construction at Texas A&M" —American School & University. May 18, 2007
- "Texas A&M to Build San Antonio Campus" —Texas Government Insider by Strategic Partnerships, Inc. February 2007
- "Science and Engineering Research and Classroom Complex" — January 10, 2007
- "The Redevelopment of Calhoun Street" —Univerisity of Houston, College of Architecture and Facilities Planning and Construction. Fall 2005
- "New Directions in Housing" — University of Houston, College of Architecture and Facilities Planning and Construction. Spring 2004
- "University of Houston, Campus Recreation and Wellness Center" — School Designs. January 2003

Publications by the Nominee:

- "The Cornerstone," The Voice of Public Architects, AIA, Editor and Contributor, Summer Issue, 2011
- "The Redevelopment of Calhoun Street", College of Architecture and Facilities Planning and Construction, University of Houston, Fall 2005
- "Advisory Committee on Deferred Maintenance: Report and Recommendations White Paper",Texas Higher Education Cordinating Board, April 2000
- "New Directions in Housing", College of Architecture and Facilities Planning and Construction, University of Houston, Spring 2004

"Over my career I have worked with many of the large public university systems in our State including the University of Texas, Texas Tech, University of North Texas and Texas A&M University Systems. The Texas A&M University System is "light years ahead" of their peers in terms of efficient and precise project management which has been accomplished through the use of advanced BIM techniques and integrated project delivery methods. Add to this their focus on LEED design; giving them high marks for resourcefully delivering top quality public buildings.

Vergel Gay deserves the credit for leading the System's aggressive innovation in these areas."

– Office Director and Principal Anita Picozzi Moran, FAIA
PSA Dewberry, Dallas, TX

3 EXHIBIT LIST

1. **Campus Development Plan**
   Texas A&M University-Central Texas, Killeen, TX
   Architect: Good Fulton Farrell
   Completion: 2010

2. **Agriculture Headquarters Building**
   Texas A&M University, College Station, TX
   Architect: Kirksey Architects
   Completion: 2011

3. **Mitchell Physics Building**
   Texas A&M University, College Station, TX
   Architect: Michael Graves & Associates
   Completion: 2009

4. **Ocean and Coastal Studies Building**
   Texas A&M University at Galveston, TX
   Architect: WHR Architects
   Completion: 2010

5. **Interdisciplinary Life Sciences Building**
   Texas A&M University, College Station, TX
   Architect: Perkins + Will
   Completion: 2009

6. **Multi-purpose Building**
   Texas A&M University-San Antonio,
   San Antonio, TX
   Architect: Kell Munoz
   Completion: 2011

7. **Campus Recreation and Wellness Center**
   University of Houston, Houston, TX
   Architect: Hughes Group/ Bricker Cannady
   Completion: 2004

8. **Urban Education Building**
   University of Houston-Downtown, Houston, TX
   Architect: Gensler
   Completion: 2005

9. **Science, Engineering and Classroom Complex**
   University of Houston, Houston, TX
   Architect: Kendall/Heaton Associates, Inc.- Cesar Pelli Associates, Inc.
   Completion: 2005

10. **UHD Shea Street Building**
    University of Houston-Downtown,Houston, TX
    Architect: PGAL Architects
    Completion: 2007

1. CAMPUS DEVELOPMENT PLAN Texas A&M University- Central Texas, Killeen, TX, 2010 –Good Fulton Farrell

Role of Nominee:

As Chief Facilities Planning and Construction Officer for The Texas A&M University System, Vergel Gay ensured the clear transition in the campus plan's conceptualization, which began with interim leadership. Through Gay's consistent focus, the planning process was seamlessly transitioned to incorporate the newly appointed first president's leadership team. Ultimately, Gay was responsible for approval of this original master plan.

Synopsis:

Texas A&M University-Central Texas (TAMU-CT) is one of the newest universities in The Texas A&M University System, achieving stand-alone university status in May 2009.

The Campus Development Plan exemplifies the nominee's success in oversight of a rigorous planning process, spanning four phases of activity and a five month duration, beginning mid-November 2009 and ending mid-April 2010. The planning of facilities, land use and landscape will holistically do more than serve their designated functions; they will establish enduring patterns of academic and social encounter among members of the university community, its alumni and the surrounding town supporting its growth.

Gay's leadership helped ensure that the TAMU-CT program space planning was based upon achieving this 'new-from-the-ground-up campus' mission, core values and vision. One of the most important tasks of the TAMU-CT Campus Development Plan was to accurately portray the distribution of buildings, student housing, recreation areas, athletic facilities and transportation needs across the 670-acre campus site in response to the program's needs. Through a series of space programming analyses, the primary planning goals Gay addressed helped leadership articulate vision, identify facility initiatives which will advance the university and establish priorities and timelines associated with the development plan. **Vergel led many of the planning sessions, reviews, critiques and assured approval by presentation to the Board of Regents.**

The plan included a plan for an all sustainable campus with all future buildings designed at LEED silver or better.

Selected Publications:

"TAMU Comes to Killeen" — ENR Texas & Louisiana. October 2010

"Army Land Transferred to Texas A&M System" — American School & University. May 2009

TEXAS A&M UNIVERSITY CENTRAL TEXAS

Declaration of Responsibility:

I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

gff

Bryce Weigand
Principal

2. THE AGRICULTURE HEADQUARTERS BUILDING Texas A&M University, College Station, TX, 2011 –Kirksey Architects

Role of Nominee:

The nominee was solely responsible in his capacity as Chief Facilities Planning and Construction Officer for the Texas A&M University System in the determination of the delivery method to be used, the requirement for Building Information Modeling (BIM) as a design and construction tool and the oversight of the project management team as they utilized Integrated Project Delivery (IPD) principles. The project was delivered utilizing the Construction Manager at Risk (CM@R) delivery method.

Gay chose the delivery method, oversaw budget development for this building and the two subsequent buildings, directed the use of BIM and TAMUS IPD principles, reviewed the design, and presented this project to the Texas A&M University Board of Regents for their approval. Through the application of IPD principles and the use of BIM, the project posted buyout savings that were used toward funding the third building as envisioned in the original concept for this complex.

Synopsis:

The Agriculture Headquarters building exemplifies the nominee's success in leading projects that incorporate a state-of-the-art design and also encompasses education, research and administrative facilities to foster teaching research and extension efforts. The College of Agriculture and Life Sciences, Texas AgriLife Extension and Texas AgriLife Research proposed a phase development of the complex of buildings to house the academic departments, faculty and staff of the college and these state agencies.

The impressive building is a 166,000 square-foot $62.4 million complex and projects the history and future of agriculture. One of the key features the facility possesses is its visitor center that showcases agriculture and life sciences as a vital component of everyday living. Unique sustainable features include extensive rainwater collection, constructed wetlands and on-site gardening that support the dining commons. Under the direction and leadership of this nominee, this facility has brought recognition to one of the finest colleges of agriculture in the country.

Selected Publications:

"Texas A&M University, Agricultural Headquarters" — ENR Texas & Louisiana. June 2010

"Higher Education Stays Afloat" — ENR Texas & Louisiana. March 2010

"New Texas A&M Agriculture Headquarters Breaks Ground" — ENR Texas & Louisiana. September 2009

Select Awards:

2011 Excellence in Construction: American Builders and Contractors

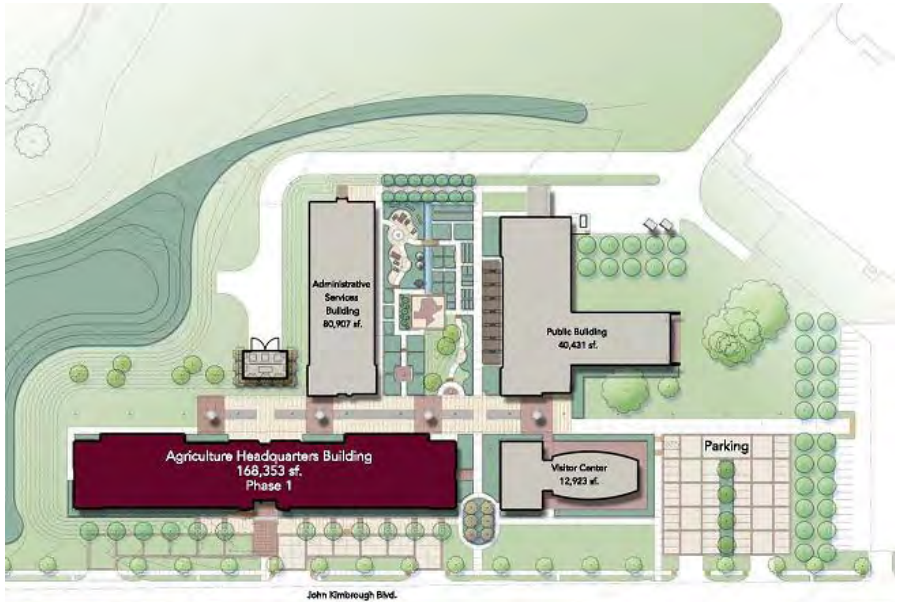
Declaration of Responsibility:

I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

Wes Good
Executive Vice President
Managing Principal

2. THE AGRICULTURE HEADQUARTERS BUILDING Texas A&M University, College Station, TX, 2011 –Kirksey Architects

Exterior View - Visitor Center



Exterior View - Visitor Center

Interior View A

Interior View B

3. MITCHELL PHYSICS BUILDING Texas A&M University, College Station, TX, 2009 –Michael Graves & Associates

Role of Nominee:

This project had initiated design and construction as a Construction Manager at Risk (CM@R) project when Vergal Gay assumed the role of Chief Facilities Planning and Construction Officer. Due to the organization's lack of experience with the delivery method, the project immediately developed budget and schedule problems. **Gay reorganized the team implementing Integrated Project Delivery (IPD) principles, identified budget and design collaboration issues, and led the meetings that resolved budget issues, design adjustments and scheduling issues. Under his leadership the project proceeded to completion on time and within its new budget. Gay presented this project to the Texas A&M University Board of Regents for re approval.**

Synopsis:

The new Mitchell Physics Buildings expresses the desire of Texas A&M University to further education in science, technology and related disciplines. The project was delivered utilizing the Construction Manager at Risk (CM@R) delivery method. At $57 million, the two buildings combined contain just under 190,000 square-foot of space for research laboratories, lecture halls, small and large meeting rooms, classrooms and faculty, graduate student and staff offices.

The first of the two buildings, the seven-story tall George P. & Cynthia W. Mitchell Institute for Fundamental Physics and Astronomy Building features a curved elliptical exterior with banded earth-toned masonry work. The building features both curtain wall and inset windows, agreeing with the architectural language of parts of the surrounding campus, but standing out to show its unique nature. Unique features of this building include a large, seven-story pendulum in the atrium, and curtain wall windows on the top floors, which feed light into the open, central atrium.

The LEED Gold Certified five-story George P. Mitchell Building features a large semicircular atrium. The building features a similar masonry exterior, and similar windows to the other building in the complex. Gay's passion is that new and renovated buildings constructed under his leadership be built to "green" standards. This building's features express the Texas A&M University System's and the nominee's goal of more sustainable design. This building is more angular in design, but accents its accompanying building through the shared architectural features.

Selected Publications:

"Physics Building Under Construction at Texas A&M" —American School & University. May 18, 2007

Select Awards:

2011 Mason Contractors Association of America TEAM Award

2011 LEED Gold Certified

TEXAS A&M UNIVERSITY

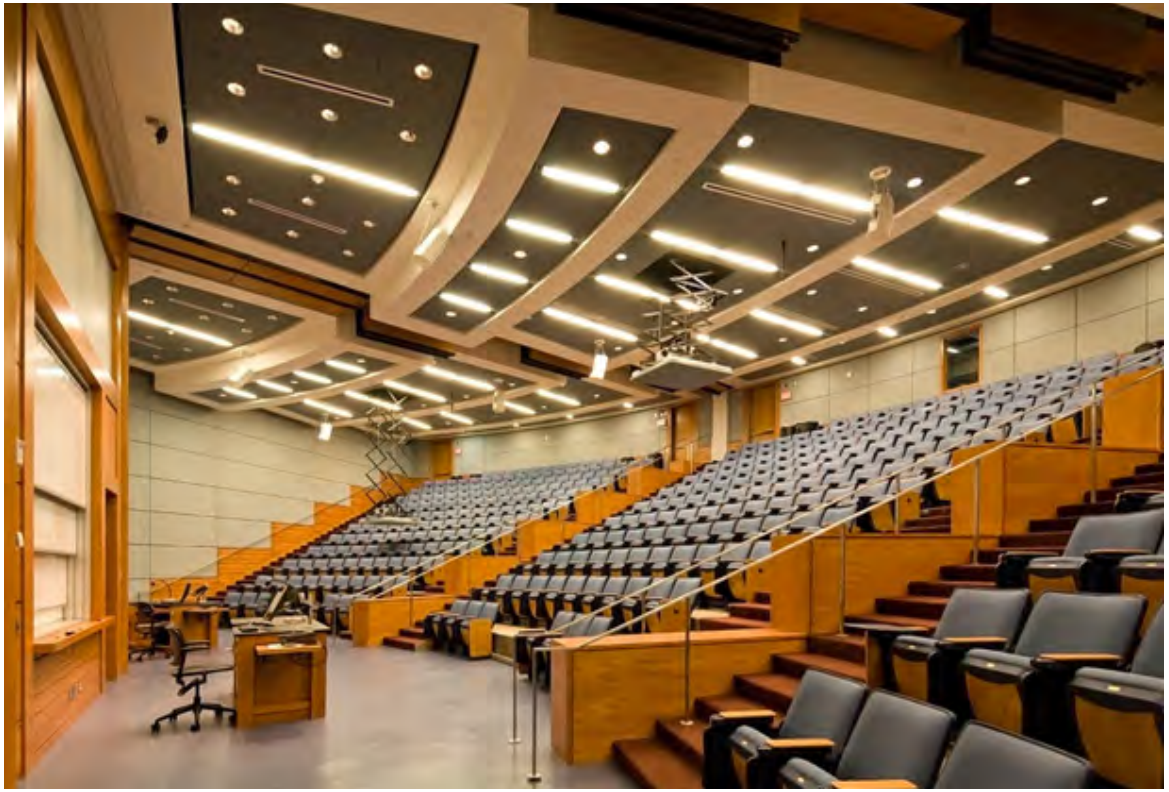
Declaration of Responsibility:

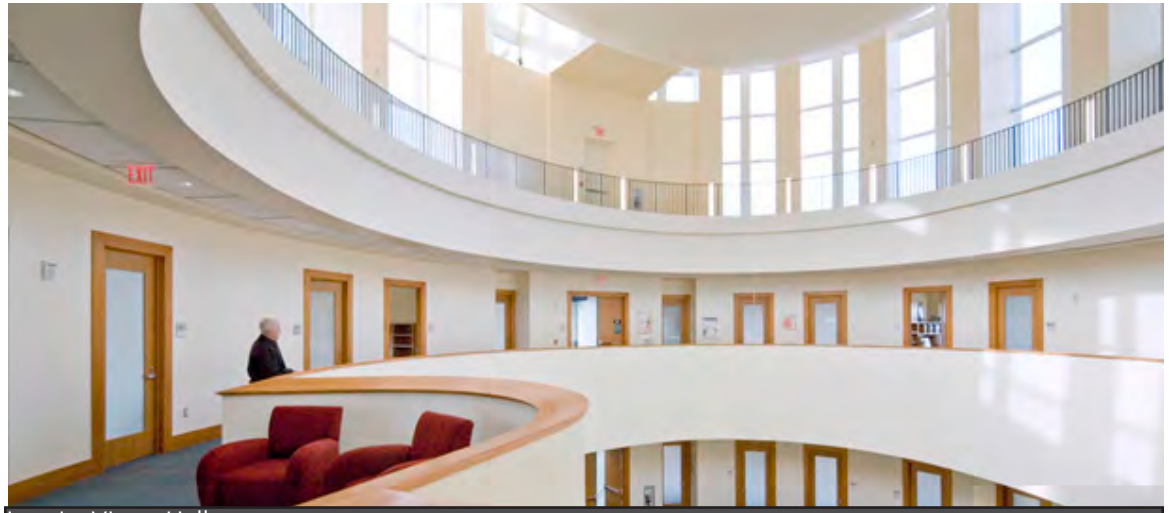
I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

Mark A. Sullivan, AIA, LEED AP BD+C
Senior Associate
Michael Graves & Associates, Inc.

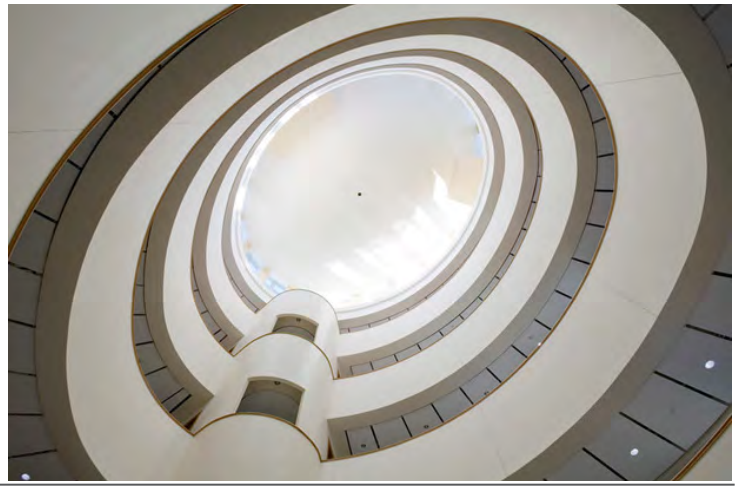
MICHAEL GRAVES DESIGN

3. MITCHELL PHYSICS BUILDING Texas A&M University, College Station, TX, 2009 –Michael Graves & Associates





Interior View - Hallway



4. OCEAN AND COASTAL STUDIES BUILDING Texas A&M University at Galveston, Galveston, TX, 2010 –WHR Architects

Role of Nominee:

Vergel Gay was solely responsible, in his capacity as Chief Facilities Planning and Construction Officer for the Texas A&M University System, in the determination of the delivery method to be used, the requirement for Building Information Modeling (BIM) as a design and construction tool and the oversight of the project management team as they utilized Integrated Project Delivery (IPD) principles. The project was delivered utilizing the Construction Manager at Risk (CM@R) delivery method. During the planning phase, Gay oversaw budget development for this building envisioned for this System University member. **Prior to this phase, Gay worked directly with another planning firm to develop an updated master plan that set the stage for the development of this building. Vergel led multiple design meetings where BIM modeling was used to establish the design.** Gay was ultimately responsible for presenting this project to the Texas A&M University Board of Regents for their approval, which was unanimous.

Synopsis:

The nominee helped define the scope of work and project goals in constructing a facility which would reinforce Texas A&M University at Galveston's position as a leading marine education and research institution and exceed sustainability standards. Gay fostered productive communications among the varied client groups who would occupy this building, obtaining their constructive input and assuring their final satisfaction. Due to the research-based nature of the building, this 3-story, 110,000 square-foot, $53.2 million research and teaching facility contains spaces used for a lecture theater, a large classroom, exhibit space, conference area, research and teaching laboratories and faculty and administrative offices.

The LEED Gold Certified Ocean and Coastal Studies Building features a main lobby that is highlighted by an open staircase which connects all three floors. By use of open office space, separating parts of the building into wings, occupants are able to more efficiently use the heating and ventilation equipment, and were able to increase ventilation by 30% in offices, 80% in labs, and decrease energy consumption by 20%. In addition, through a more sustainable design, the building's water usage was decreased by 41%, and 89% of the buildings waste was recycled. Gay's passion is that new and renovated buildings constructed under his leadership be built to "green" standards. This building's features express the Texas A&M University System's and the nominee's goal of more sustainable design.

Selected Publications:

"Ocean and Coastal Studies Building" —Tradeline Inc. January 2011

"$53 Million Ocean Facility is dedicated at Texas A&M at Galveston" —American School & University Magazine. November 15, 2010

Select Awards:

2010 LEED Gold Certified

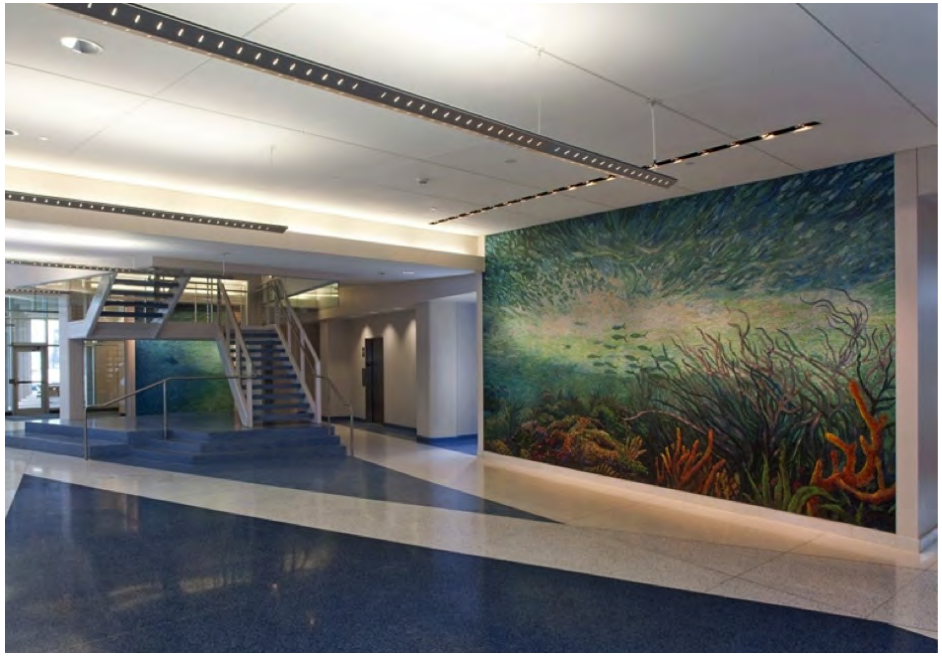
Declaration of Responsibility:

I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

David Watkins, FAIA
Chairman, President

WHR ARCHITECTS
Architecture with People in Mind

4. OCEAN AND COASTAL STUDIES BUILDING Texas A&M University at Galveston, Galveston, TX, 2010 –WHR Architects



5. INTERDISCIPLINARY LIFE SCIENCES BUILDING Texas A&M University, College Station, TX, 2006 –Perkins + Will

Role of Nominee:

Vergel Gay was solely responsible in his capacity as Chief Facilities Planning and Construction Officer for the Texas A&M University System for the implementation of Integrated Project Delivery (IPD) principles for this project that was under way as he arrived to serve in this position. **Vergel led sessions where he mandated the collaboration between the architect and contractor during the completion of the construction documents as construction was occurring. Design and construction issues were identified and resolved, which ensured that the building was completed within the budget. Gay also led negotiation sessions where implementation of IPD principles helped the team well through the resolution of issues that could have resulted in the litigation of a claim by the contractor against the owner and architect.** The project was delivered utilizing the Construction Manager at Risk (CM@R) delivery method. Gay was ultimately responsible for presenting this project to the Texas A&M University Board of Regents for their approval.

Synopsis:

As Texas A&M University's first sustainable building, the $80 million Interdisciplinary Life Sciences Building is the forerunner of Texas A&M University's and Gay's unified goal to build in a way that is both efficient and "green." This building has been given LEED NC Gold Certification. Innovations to this building enable the university to continue to recruit outstanding faculty, obtain major funding for researching purposes and further enhances Texas A&M's reputation among visiting colleagues.

The Life Sciences building is a three-story, almost 240,000 square-foot facility, providing a showcase for activities within the building, including classroom, auditorium and office space. The exterior of the Life Sciences Building consists of a combination of lightly toned brick and limestone masonry. The walkway surrounding parts of the building is covered and is supported by limestone clad pillars . Other features include large windows to maximize natural light; large, metal sunshades to reduce direct sunlight; a water reclamation system; and landscaping featuring drought tolerant native plants.

Selected Publications:

"Texas A&M University Interdisciplinary Life Science Building" — Texas Construction. June 2007

Select Awards:

2010 Texas Water Development Board: Texas Rain Catcher Award

2009 LEED Gold Certified

TEXAS A&M UNIVERSITY

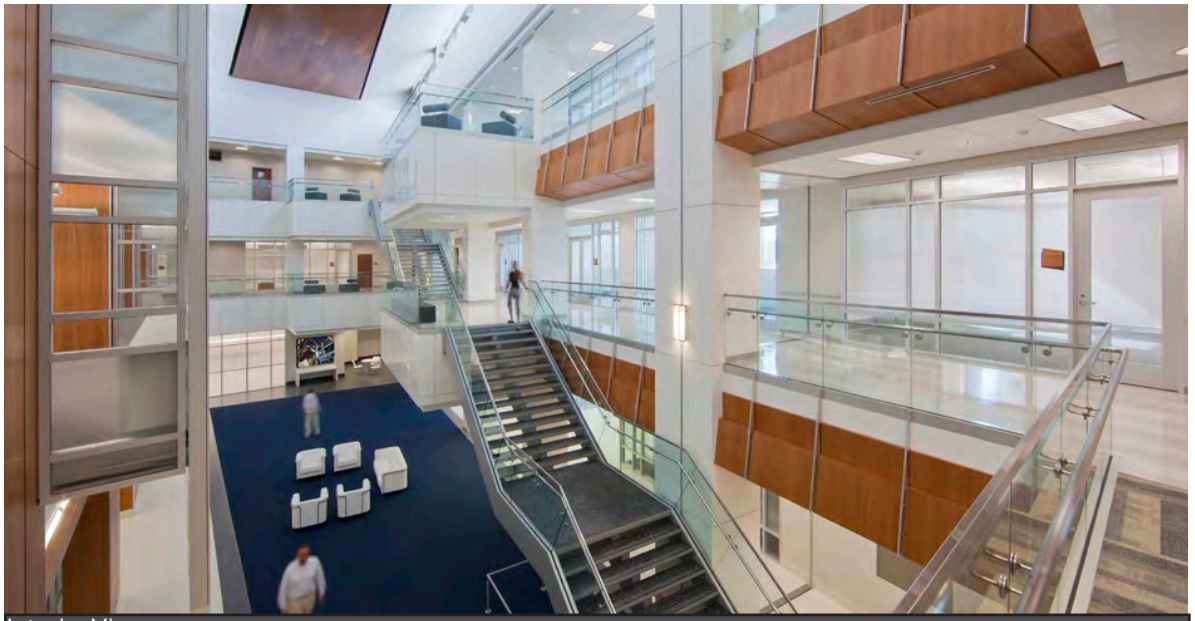
Declaration of Responsibility:

I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

Ed Cordes, AIA, LEED AP
Principal Regional Market Sector Leader

PERKINS+WILL

5. INTERDISCIPLINARY LIFE SCIENCES BUILDING Texas A&M University, College Station, TX, 2006 –Perkins + Will



Interior View

6. MULTI-PURPOSE BUILDING Texas A&M University San Antonio, San Antonio, TX, 2011 –Kell Munoz

Role of Nominee:

Vergel Gay, in his capacity as Chief Facilities Planning and Construction Officer for the Texas A&M University System,chose the delivery method to be used, required Building Information Modeling (BIM) as a design and construction tool and led many of the project team meetings as they utilized Integrated Project Delivery (IPD) principles. During the planning phase, Gay oversaw budget planning phase and set high goals for the amount of space to be designed and delivered. As a result of the IPD teaming and shared use of the BIM model, the project was delivered a full semester early and $2,000,000 under budget. Gay was ultimately responsible for presenting this project to the Texas A&M University Board of Regents for approval.

Synopsis:

The Multi-purpose Building built under Gay's management and leadership to comply with the Texas A&M University-San Antonio Master Plan of 2009 is the first in the series of major buildings planned on the new 582-acre campus and sets the architectural precedents for the campus to follow in future years. Gay directed that, as its primary focus, the design was to create for the large diversity of building users a sense of order and place. This was done by means of gracious public spaces and clear circulation paths to the numerous components of the Multi-purpose Building. The 91,000 square-foot building is used for classrooms, computer labs, faculty and staff offices, police facilities, physical plant offices, the president's and administrative suite, Student Service Center, library, food services and college bookstore.

The architect designed in the style of the traditional Spanish architecture unique to the south Texas region.**Vergel led many of the pivotal design working sessions where design elements were developed, finalized and applied.** The exterior features large, curtain wall windows which are hidden behind artistic sunscreens referred to as "hojalatas." Unique features of this building include a stone clad, tower-like out cropping at the center of the main façade, an arch covered promenade on the first

Selected Publications:

"Campus Building Opens at Texas A&M-San Antonio Facility Includes 20 Classrooms, Science Lab" — American School & University. August 25, 2011

"Texas A&M University-San Antonio Starts Design for First Building" —ENR Texas & Louisiana. December 2009

"Texas A&M University San Antonio New Main Building" — Kell Munoz Architects. Fall 2009

Select Awards:

2011 Excellence in Construction: American Buildiers and Contractors recognition

Declaration of Responsibility:

I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

Geof Edwards
Principal

KELL MUÑOZ

6. MULTI-PURPOSE BUILDING Texas A&M University-San Antonio, San Antonio, TX, 2011 –Kell Munoz

7. CAMPUS RECREATION AND WELLNESS CENTER University of Houston, Houston, TX, 2004 –Hughes Group/ Bricker Cannady

Role of Nominee:

As Executive Director of Facilities Planning and Construction for The University of Houston (UH) System, Vergel Gay was directly responsible for the selection of the design team and the Construction Manager at Risk components for the project. This project was the first use of the Construction Manager at Risk (CM@R) delivery process by the UH System.

Gay wrote the guidelines by which such projects and others would be delivered by the UH System. Vergel began to develop the early GMP process, the open book by all parties process, thereby creating a more trusting relationship as he led sessions with the designers and contractors. These principles were developed as overall project management techniques which Gay has continued to improve upon in each of his leadership roles since this time.

Synopsis:

Under the nominee's direction, the $43 million, 260,000 square-foot Campus Recreation and Wellness Center is a structure designed to challenge physical endeavors, aid in achieving goals related to physical fitness and educate the student's to mentally and physically challenging tasks. With the direction of Vergel Gay, this facility has become one of the more well-known landmarks that can be found on the University of Houston campus. The stunning facility includes a 70-meter indoor pool with diving boards ranging from one to ten meters high, an outdoor recreation pool, an indoor running track and basketball and racquetball courts. In the planning design and construction processes, Gay articulated to stakeholders the university's goal of this building, which was to engage the students in all of the events and activities happening within the complex as well as giving them a sense of place in the UH campus.

Sited at the eastern edge of the campus near student housings, the Center serves the campus master plan by framing a new major entrance from urban-scale roadways. The interior lights of the building shining through masterfully crafted floor-to-ceiling windowed walls play nicely with the UH campus, serving as a beacon in the night. The Recreation and Wellness Center at the UH campus is a masterfully designed facility inspiring students, faculty and all admirers to appreciate the complex for its aesthetic beauty as well as vigorous functionality.

Selected Publications:

"University of Houston, Campus Recreation and Wellness Center" — School Designs. January 2003

Select Awards:

2007 Athletic Business Architectural Showcase

2004 Houston Chapter Associated General Contractors of America: Awards for Project Excellence Award (APEX)

2004 American School & University Architectural Showcase

2004 NIRSA Outstanding Sports & Facility Award

2004 Texas Masonry Council Golden Trowel Award

UNIVERSITY of HOUSTON
A CARNEGIE-DESIGNATED TIER ONE PUBLIC RESEARCH UNIVERSITY

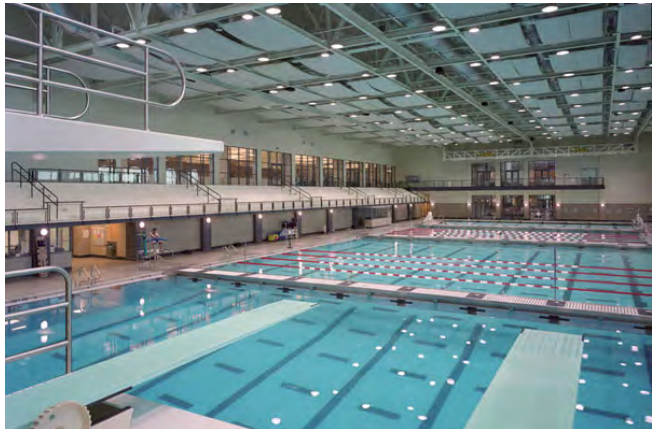
Declaration of Responsibility:

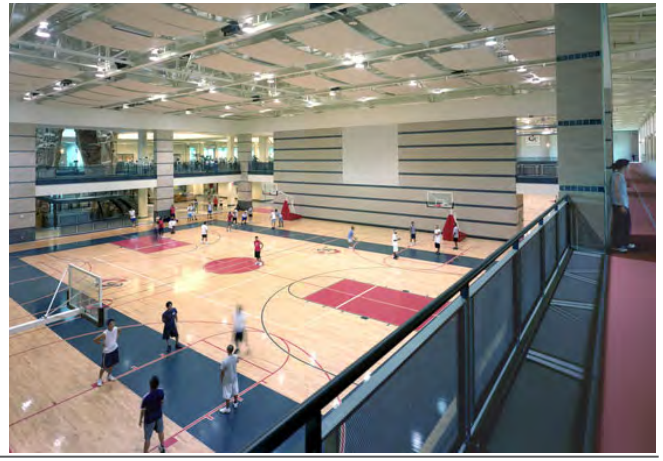
I have personal knowledge of the nominee's responsibility for the project listed above. The project was completed under the direction of the nominee.

Jeffrey Bricker, AIA
President & CEO
Bricker + Cannady Architects

PageSoutherlandPage
ARCHITECTURE INTERIORS CONSULTING ENGINEERING

7. CAMPUS RECREATION AND WELLNESS CENTER University of Houston, Houston, TX, 2004 –Hughes Group/ Bricker Cannady





8. URBAN EDUCATION BUILDING University of Houston- Downtown, Houston, TX, 2005 –Gensler Architects

Role of Nominee:

As the Executive Director of Facilities Planning and Construction for The University of Houston System, Vergel Gay oversaw the management of the planning, design and construction processes of this project by the University's project delivery division. Particularly in this case, the project was "fast-tracked" and Gay worked directly with the Gensler design team on the project to program and design the project in 33 days. **On this project, Vergel led the design sessions and actually drew and produced two of the key elements of the design for the building.** The project was delivered utilizing the Construction Manager at Risk (CM@R) delivery method. Some Integrated Delivery Principles (IPD) were utilized, adding to Gay's growing conviction that, especially under a difficult schedule, IPD can be an effective tool which architects can use to do their best work.

Synopsis:

Gay directed that, as its primary focus, the $18 million, 90,000 square-foot University of Houston Downtown Urban Education building be designed to correlate with the University of Houston main campus. As a result the building simultaneously pays homage to the main campus across the Buffalo Bayou and embraces the urban experience in which it sits. The L-shaped building, partially clad in the university's signature red brick, opens to the city, the Bayou and a nearby park with its bowed curtain wall. The major public entry at the corner of Main and Commerce is a Lobby/Gateway to downtown and a gesture to the main campus. The new facility houses the university's Urban Education and Criminal Justice departments.

Select Awards:

2005 Featured cover in College Planning & Management Magazine

UHD

Declaration of Responsibility:

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James E. Furr, FAIA
Regional Managing Principal

Gensler

8. URBAN EDUCATION BUILDING University of Houston- Downtown, Houston, TX, 2005 –Gensler Architects

Interior View - Staircase

9. SCIENCE, ENGINEERING AND CLASSROOM COMPLEX University of Houston, Houston, TX, 2006 –Cesar Pelli Associates, Inc.

Role of Nominee:

As Executive Director of Facilities, Planning and Construction for The UH System, Vergel Gay was responsible for managing the team that administered the planning, design and construction of this major science and engineering initiative**. Vergel led team meetings and required the process of bringing on the architect and contractor early to maximize collaboration and position the project for success.** The nominee also required the delivery of the Guaranteed Maximum Price (GMP) at the end of the Design Development documents phase. **Vergel directed the budget driven design sessions and some team meetings that ensured that the maximum quality as well as appropriate size building(s) was delivered within the budget. He led many of the the design sessions where he approved key design elements.** Integrated Project Delivery (IPD) principles were now intentionally thought out and effectively implemented as directed by the nominee as his team managed the efforts of a Signature Architect. This project as directed by the nominee moved the University of Houston System closer to the style of management utilized by the Texas A&M University System today. Lessons learned on this project are still being utilized today by Gay.

Synopsis:

The University of Houston's Science and Engineering Research and Classroom Complex began with the need to replace an outdated chemistry building and changed to accommodate a broader spectrum of researchers and students, and to ensure the new building would support the university's research in bio-nanotechnology, DNA chips, protein chips, synthetic medicinal chemistry, drug design, nanolithography and optoelectronics. The concept of constructing a building for the science and engineering colleges necessitated that Gay considered a delicate design balance to create a collaborative faculty environment, to separate classrooms from research labs, to satisfy the space requirements of the two departments and to meet construction codes. The design requisites called for the building to be flexible and to provide a collaborative faculty environment with adaptable space allocations. The complex comprises a total of 170,000 square-foot with 130,000 square-foot for research space and the remainder for lecture halls and classrooms. The $80 million complex consists of one building with three science floors dedicated to synthetic chemistry, biochemistry and biotechnology, as well as two engineering floors for materials engineering and biomedical engineering. Unique to the complex is an oval grand lecture hall.

The Science, Engineering, and Classroom complex ideally satisfies the needs of the university's students, department and faculty while being designed utilizing LEED Silver criteria.

Select Awards:

2006 Houston Chapter Associated General Contractors of America Award, APEX Award

UNIVERSITY of HOUSTON
A CARNEGIE-DESIGNATED TIER ONE PUBLIC RESEARCH UNIVERSITY

Declaration of Responsibility:

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William D. Kendall, FAIA
President
Kendall/Heaton Associates

Pelli Clarke Pelli Architects

9. SCIENCE, ENGINEERING AND CLASSROOM COMPLEX University of Houston, Houston, TX, 2006 –Cesar Pelli Associates, Inc.

10. UHD SHEA STREET BUILDING University of Houston-Downtown, Houston, TX, 2008 –PGAL

Role of Nominee:

As Executive Director of Facilities, Planning and Construction for The UH System, Vergel Gay was responsible for managing a team that administered the planning, design and construction of this unique building for The University of Houston-Downtown (UH-D). The project utilized the Construction Manager at Risk (CM@R) method combined with Integrated Project Delivery (IPD) principles. **The nominee worked directly with the City of Houston and developers to coordinate this project with adjacent city and private projects to create a new sense of place for an old warehouse district that abutted the campus property. Vergel led the design meetings and coordinated the budget development as a part of the CM at Risk process.**

Synopsis:

An educational jewel, the University of Houston-Downtown Shea Street Business School was designed to complement the University's adjacent One Main Street Academic/ Student Services Center. The design includes spaces that fosters and promotes interaction of every type and scale, large and small, inside and outside, formal and informal. Featured are a 90-tiered lecture hall, three 64-seat lecture halls, three 45-seat u-shaped lecture halls with breakout rooms, three computer instruction labs and 33 classrooms ranging from 20 to 60 seats - all with white boards as well as four seminar rooms. All are designed for real-time computer accessed learning, distance learning, multimedia origination and teleconferencing, a Career Development Center, and a Resource Center that permits flexibility for changes as the school evolves. Faculty offices are accessible to students which is critical in institutions that are as focused on teaching as they are on research.

Case study, public meeting and breakout rooms, filled with natural light and great views of the surrounding area, heighten close interaction between students, faculty and teaching assistants as well as professional meetings with entrepreneurial and corporate sponsors. Informal gathering areas and lounges encourage casual interaction. The University of Houston-Downtown Shea Street Building is a state of the art designed facility that continues to be admired by students and faculty.

Selected Publications:

"Shea Street Building" — Education Design Showcase. 2008

"Houston Business Journal" — Fall 2008

"Shea Street Building 2008 Landmark Award Finalist" Houston Business Journal. April 2008

"UH-Downtown Adds Classrooms, Takes Place in City Skyline" — Houston Business Journal. April 2008

"UDH Shea Street Building Formally Opens Tuesday Press Release" — November 2007

Select Awards:

2008 Education Design Showcase

2006 Houston Chapter Associated General Contractors of America Award: APEX Award

Declaration of Responsibility:

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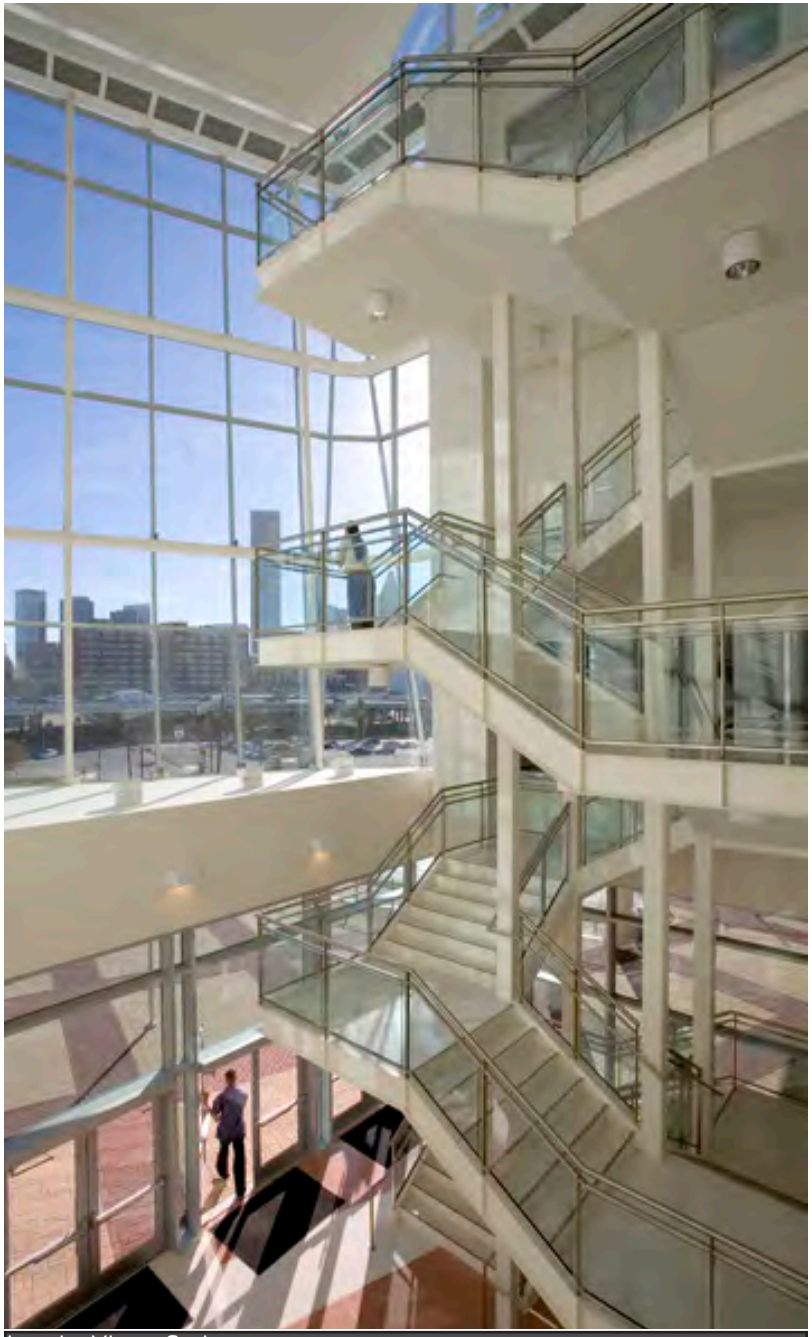
David Andrews
Principal PGAL

PGAL

10. UHD SHEA STREET BUILDING University of Houston-Downtown, Houston, TX, 2008 – PGAL

Exterior View



Interior View - Stairs

Reference List for Vergel Lee Gay, Jr. Entry 30550

Donna D. Carter FAIA
Carter Design Associates

James E. Furr FAIA
Gensler

Anita Picozzi Moran FAIA
PSA Dewberry

Michael D. McKinney, M.D.
The Schlueter Group

Craig S. Reynolds FAIA
Brown Reynolds Watford Architects Inc.

Charles B. Thomsen FAIA FCMAA

Verrick D. Walker, PhD, LEED AP, CDT
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Chris A. Hudson AIA
Morris Architects

Curtis D. Moody FAIA, NOMA, LEED AP
Moody Nolan Inc.

Jeffrey Bricker AIA
PageSoutherlandPage

David Calkins FAIA
Gensler

Lane Beougher AIA
Ohio Facilities Construction Commission

Geof Edwards AIA
Munoz & Company

Ronald L. Skaggs FAIA, FACHA, FHFI, LEED AP
HKS