



GEORGE BIGHAM

MCSM, AC

George is the founder and President of GFB Consulting, LLC with over 25 years' experience in the construction industry. His principal areas of expertise are construction productivity and scheduling, construction management, and construction cost analysis. George serves as the leader of the GFB team, as well as an active participant in our projects, with his clients. He works with owners, designers, contractors, financial institutions, investors, students, and public agencies to ensure that every stakeholder is accounted for during his work. With exposure to various project types and delivery methods, George provides expert services to multiple built environment stakeholders.

EDUCATION

- Ph. D. Candidate (ABD) in Technology Management, Indiana State University, US
- Master of Construction Science and Management, Clemson University, US
- Bachelor of Science in Architecture, Kent State University, US
- International Studies, Dante Alighieri, Italy

PROFESSIONAL MEMBERSHIPS

- Associate Constructor Certification, American Institute of Constructors
- National Association of Home Builders
- Associate Member, American Institute of Architects

PROJECT EXPERIENCE

- LaGuardia International Airport, Central Terminal Building, New York, NY
- Los Angeles International Airport, CONRAC, Los Angeles, CA
- Newark International Airport, CONRAC, Newark, NJ
- Long Beach Courthouse, Long Beach, CA
- PGCPs Prototype School Development, Maryland
- St. Paul's Hospital Preliminary Schedule, Vancouver, BC
- Izmir Bayrakli Integrated Health Campus, Izmir, Turkey
- Kocaeli Integrated Health Campus, Izmit, Turkey
- State Street Redevelopment, West Lafayette, IN
- Greenville Water Systems, Traveler's Rest, SC
- Ocean Keys Development, Myrtle Beach, SC
- ~~Greenville County School District, Greenville County, SC~~
- Hollis Academy, Greenville, SC
- 51st and Baseline Multi-family, Phoenix, AZ
- FirstStreet at the Ballpark, Goodyear, AZ
- Sanctuary at South Mountain, Phoenix, AZ
- Sanctuary at Indian Creek, Huntsville, AL
- UPMC Presbyterian, Pittsburgh, PA
- Clarksville Publix, Clarksville, TN
- MMP White Plains, White Plains, NY

AREAS OF EXPERTISE

- Construction Estimating
- Construction Scheduling
- Risk Management
- Contract Administration
- Planning & Scheduling
- Project Management

GEORGE FAUNCE BIGHAM III

PO Box 409
Hudson, OH 44236
(843)385-2731
george@gfbconsult.com

EDUCATION

Ph.D. Candidate, Technology Mgmt., Indiana State University (current)
Master, Construction Science and Mgmt., Clemson University (1998)
B.S., Architecture, Kent State University (1996)
International Studies, Dante Allegheri, Florence, Italy (1994)

RESEARCH INTERESTS

Sustainability practices and principles relative to design and construction
Resource allocation, planning and scheduling
Off-site production and pre-fabrication strategies to improve schedule productivity and quality control
Construction related delay claims
Building science and forensics
Technology implementation, usage and training in the construction industry
Natural disaster emergency housing
Sustainable costing and pricing trends and issues
Teaching tools for and utilizing construction technology

PROFESSIONAL EXPERIENCE

2013-Present	President and Owner, GFB Consulting, LLC
2011-Present	Adjunct Professor, Full Time Faculty, Coordinator of Program Kent State University
2013-2021	Director, Project Delivery BTY US
2010-2012	Project Executive, Progress Builders, LLC
2003-2011	President and Owner, Faunce3, Inc.
2002-2003	Project Executive, Cannon Construction Co., Inc.
1997-2001	Project Manager, Project Eng., Skanska-Beers Construction

PROFESSIONAL AFFILIATIONS

AIC AC Certification
American Institute of Architects, Associate Member
National Association of Home Builders, Member
SC Commercial General Contractors License (inactive) G-110386
OSHA 10-hr

COMPUTER PROFICIENCY

Procore Project Management
Oracle Primavera P6
Timberline
Microsoft Project
Microsoft Office
Microsoft Teams
Quickbooks
Oracle Construction Management

LEADERSHIP AND SERVICE

Construction Management Program Coordinator, 2016 - 2018
Graduate Student Faculty Advisor, 2014 - 2018
Comprehensive Plan Steering Committee Member, Hudson, OH, 2014 - 2015
Phi Delta Theta International Fraternity Housing Commission, Chair 2013 - Present
CAEST Graduate Faculty Council, 2013 – 2016
Construction Management Lead Faculty, 2013 – 2018
ACCE Accreditation Committee, 2013 – 2018
Faculty Member Construction Management IAB, 2012 - 2018
Phi Delta Theta Faculty Advisor, Ohio Lambda Chapter, 2012 - 2017
Senior High Sunday School Teacher, Hudson Presbyterian Church, 2012 – 2016
ACE Advisory Board Member, 2012 – Present
Construction Management Student Organization Advisor, 2012 - 2018
Kent State Sustainability Committee, 2012 - 2018
CAEST College Curriculum Committee, 2012 – 2016
KSU Office of Global Education Steering Committee, 2012 – 2016
ATMAE Accreditation Committee, 2013
CAEST/CAED Habitat for Humanity Design Collaboration, 2013
Elder, Ocean Drive Presbyterian Church, 2011
Christian Education Committee Chair, ODPC, 2011
High School Small Group Leader, ODPC, 2010-2011
Westminster Preschool Board Member, 2010- 2011
Adult Christian Education Teacher, ODPC, 2010- 2011
Surf Estates HOA Board Member, 2010-2011
Moderator, Deacon, ODPC, 2008-2010
Teacher, Financial Peace University, 2006-2008
Disaster Relief Mission post Katrina, Ocean Springs, MS, 2005

COURSES TAUGHT AND DEVELOPED

Undergraduate

Construction Scheduling, Taught and Developed
Construction Estimating I, Taught
Construction Estimating II, Taught
Introduction to Construction Management, Taught and Developed
Capstone, Taught and Developed
Proposal Development and Analysis, Developed
Contracts and Law, Taught and Developed
Misc. Independent Study Courses

Graduate

Developed Construction Management Degree in Masters of Science in Construction Management
Life Cycle I, Taught
Ethics, Sustainability and the Environment, Taught and Developed
Advanced Scheduling, Taught and Developed
Applied Sustainability, Taught and Developed
International Construction Management, Taught and Developed
Advanced Construction Management, Taught and Developed
Construction Contracts and Law, Taught and Developed

Professional

Design of Wood & Steel Structures, Half Moon Seminars, Taught and Developed
Construction Scheduling, CEA Seminar, Taught and Developed

Construction Estimating, CEA Seminar, Taught and Developed
 Blue Print Reading, CEA Seminar, Taught and Developed
 Introduction to Construction Management, CEA Seminar, Taught and Developed
 Business Case for Sustainability, Sichuan University, Chengdu, China, Taught
 Business Leadership, Sichuan University, Chengdu, China, Taught and Developed
 Introduction to Construction Management, Developed and Taught March 2015

RESEARCH AND PUBLICATIONS

Bigham, G. (2017) *Sustainable Owner Construction Tiny House: For Post-Disaster Applications* Urban Planning and Property Development
 Bigham, G. (2016) *Artificial Intelligence as Fall Protection* International Conference on Artificial Intelligence, Singapore
 Bigham, G., Datta, P. (2015) *Introduction to Construction Management*. In Progress
 Bigham, G., Chuckwu, I. O., Vincent, G. (2014). *Material Sustainability Embodied Energy Assessment Framework and Communication*. BGSU CONS 6410 To Be Published
 Construction Management Textbook Peer Review
 Bigham, G., Datta, P., & Zou, Z. (2014). *Heritage Site Ecology and the Moderating Role of Heritage Proclivity on Heritage Tourism: A Global Study*. To Be Published
 Bigham, G. (2013). *Phi Delta Theta Housing Stock and Market Study*. Conference Presentation
 Bigham, G. (2013). *Fulcrum, Inc. Construction Cost Database Analysis and Pricing Template*. Conference Presentation.
 Bigham, G. (2014). *Building Green Sustainable Cost Comparison Database*. In Progress.

SELECT RELEVANT PROFESSIONAL EXPERIENCE

Hollis Academy Greenville, SC

108,000 sf Elementary School
 \$12 Million

Laguna Keyes Development North Myrtle Beach, SC

14 Floor, 94 Unit Ocean Front
 Condominium Owner's Rep and
 Arch Construction Administration
 \$15 Million

Crescent Keyes Development North Myrtle Beach, SC

14 Floor, 94 Unit Ocean Front
 Condominium Owner's Rep and
 Arch Construction Administration
 \$15 Million

Blue Water Keyes Development North Myrtle Beach, SC

14 Floor, Ocean Front
 Condominium Owner's Rep and
 Arch Construction Administration
 \$15 Million

Greenville Water Systems Traveler's Rest, SC

Multi-Bldg. Water Treatment Plant
 \$155 Million

Alcoa Fujikura Dillon, SC

50,000 sf Office Building
 \$5 Million

Homepoint.com Greenville, SC

50,000 Tenant Upfit
 \$2 Million

SC Computer and Data Center Columbia, SC

76,000 sf Data Center
 \$9 Million

Greer, Mauldin, Riverside Middle Schools, SC

Three, 140,000 sf Middle Schools
 \$40 Million Total

Nippon Carbide Greenville, SC

F-Plant Resin Facility
 \$11.4 Million

Ocean Keyes Development
North Myrtle Beach, SC
 Construction Scheduling Consultant
 \$40 Million Total Construction
Springs Towers
North Myrtle Beach, SC
 14 Floor High Rise Condo
 Renovation Owner's Representation
 \$3 Million
Progress Builders
North Myrtle Beach, SC
 Web Site Development Services
Intercoastal Village Resort
North Myrtle Beach, SC
 HOA Owner's Representative for
 Renovations to Exterior of Building
 \$500 Thousand
Progress Builders
North Myrtle Beach, SC
 Construction Consultation to
 Include Estimating, PM, Scheduling
 \$15 Million in GC Revenue
Bay Pointe
Myrtle Beach, SC
 50 unit Apartment Complex
 Project Manager
 for Progress Builders
Yacht Club Villas
Myrtle Beach, SC
 Indoor Pool Preliminary Design and
 Feasibility Study for HOA
 \$500 Thousand
Coastal Construction Group
Myrtle Beach, SC
 Compilation of Multiple Estimates
 and Material Takeoffs for GC
 \$10 Million in Bids
Touch Healing Center
North Myrtle Beach, SC
 Design Development
 Tenant Upfit
Carolina Cove
Myrtle Beach, SC
 100 unit Apart Complex Rehab
 Project Executive
 for Progress Builders
 \$3.5 million

Malibu Pointe Development
Myrtle Beach, SC
 14 Floor, 55 Unit Condominium
 Building Owner's Rep
 \$15 Million
Bahama Sands Development
North Myrtle Beach, SC
 14 Floor, 94 Unit Ocean Front
 Condominium Owner's Rep
 \$20 Million
Ocean Keyes Development
North Myrtle Beach, SC
 Construction Consultant on Condos
 with Elevated Post Tension Slabs
 \$5 Million
Ocean Marsh Development
North Myrtle Beach, SC
 5 Floor, 36 unit Marsh Front
 Condominium Owner's Rep
 \$6 Million
Legends of Tuscaloosa
Tuscaloosa, AL
 5 floor, 56 unit Condominium Arch
 Construction Administration
Carolina Family Dentistry
North Myrtle Beach, SC
 Architectural Construction Admin.
 for Miller Design Studio
Anchor Masonry
Various Cities
 Masonry Subcontractor
 Management Consultant
 \$1.5 Million in Revenue
Ocean Keyes Development
North Myrtle Beach, SC
 Legal Schedule Consultation for
 Claims Defense
 \$15 Million in Claims
Seacoast Podiatry
North Myrtle Beach, SC
 5,000 sf Medical Office Building
 Architectural Construction Admin.
 for Miller Design Studio
Orchard Creek
Winston-Salem, NC
 64 unit Apartment Complex
 Project Executive
 for Progress Builders
 \$5.5 million

Logan Gardens
Concord, NC
 44 Unit Senior Living Complex
 Project Executive
 for Progress Builders
 \$4 million

Bay Pointe II
Myrtle Beach, SC
 56 Unit Apartment Complex
 Project Executive
 for Progress Builders
 \$4.5 million

Rock Pointe
Rock Hill, SC
 48 Unit Apartment Complex
 Project Executive
 for Progress Builders
 \$4 million

Impactagon
Hudson, OH
 Owner's Representative
 Office and Data Up-fit
 \$75 thousand

Bearing Distribution, Inc.
Cleveland, OH
 Management Consultant
 Project Mapping and Training
 International Firm

State Street Re-Development
West Lafayette, IN
 P3 Road Widening and
 Improvement Project
 Const. Schedule Analysis

Long Beach Civic Center
Long Beach, CA
 P3 Multi-use Urban Development
 Const. Schedule Analysis

Monarch 544
Conway, SC
 Student Housing
 Pre-construction Services

100 Park Plaza
Secaucus, NJ
 335 unit Apartment Complex
 Construction Risk Consultant
 \$75 million

Hamilton Lakes
Itasca, IL
 300 Unit Apartment Complex
 Construction Risk Consultant
 \$55 million

Caldwell Gardens
Lenoir, NC
 97 Unit Apartment Complex Rehab
 Project Executive
 for Progress Builders
 \$4 million

Madison Station
Columbia, SC
 48 Unit Apartment Complex
 Project Executive
 for Progress Builders
 \$4 million

Legacy Apartments
Myrtle Beach, SC
 90 Unit Apartment Complex Rehab
 Project Executive
 for Progress Builders
 \$4 million

Phi Delta Theta Fraternity, GHQ
Oxford, OH
 Design Consultant
 Multi-media Alumni Room up-fit
 \$275 thousand

Winnipeg Road Improvements
Winnipeg, Canada
 P3 Road Improvements
 Const. Schedule Analysis

Carolina Cove
Greenville, NC
 65 Unit Apartment Complex Rehab
 Project Executive
 for Progress Builders
 \$4 million

The Ellipse
Jersey City, NJ
 42 Floor Apartment Complex
 Construction Risk Consultant
 \$155 million

Metropolitan at State College
State College, PA
 12 Floor Student Housing
 Construction Risk Consultant
 \$48 million

State Street Redevelopment
West Lafayette, IN
 Road Improvements
 Lender's Technical Advisor
 \$48 million

La Guardia Airport
New York, NY
Airport Renovations
Lender's Technical Advisor
\$4 billion

885 Washington
Stamford, CT
Multi-Family Condo
Scheduling Consultant
\$25 million

43 Hamilton Terrace
New York, NY
Townhouse Remodel
Owner's Representative
\$6 million

Port Lands Flood Protection
Toronto, ON
Waterfront Reclamation
Scheduling Consultant
\$150 million

UPMC Presbyterian
Pittsburgh, PA
3rd Floor Renovation
Scheduling Consultant
\$50 million

800 Harbor Blvd.
Weehawken, NJ
Multi-Family Condo
Scheduling Consultant
\$95 million

40th and Southern
Phoenix, AZ
Apartment Development
Owner's Representative
\$33 million

Clarksville Publix
Nashville, TN
Supermarket Development
Bank Representative
\$21 million

UPMC Presbyterian
Pittsburgh, PA
MRI and Heart Center
Scheduling Consultant
\$25 million

Prince George County Schools
Maryland
School P3 Developments
Independent Engineer
\$21 million

Sherwin Williams
Cleveland, OH
HQ & R&D
Program Manager
\$1.2 billion
MMP White Plains
White Plains, NY
Multi-Family Condo
Scheduling Consultant
\$25 million
Deer Valley at Elux
Phoenix, AZ
Apartment Development
Owner's Representative
\$32 million

I-4 Ultimate
Orlando, FL
Interstate and Toll Lane
Schedule Review Consultant
\$2 billion

SH-288
Houston, TX
Interstate and Toll Lane
Schedule Review Consultant
\$750 million

51st and Baseline
Phoenix, AZ
Apartment Development
Owner's Representative
\$21 million

FirstStreet at the Ballpark
Goodyear, AZ
Apartment Development
Owner's Representative
\$42 million

Waterford
Cleveland, OH
Apartment Development
Owner's Representative
\$51 million

605 Hart St.
New York, NY
Apartment Development
Scheduling and Claims Consultant
\$40 million

Sanctuary at Slaughter
Huntsville, AL
Apartment Development
Owner's Representative
\$38 million



WILLIAM H. HART III

William Hart has over 14 years of experience in the Construction Management Industry as a Project Manager and Project Consultant. His experience includes residential and commercial projects in New York. He brings a great deal of hands-on Project Management Experience.

EDUCATION

- State University of New York at Delhi - Bachelor of Technology in Construction Management
- State University of New York at Delhi - Associates of Applied Science in Construction Technology
- Member of General Contractor Association of America

PROJECT EXPERIENCE

- 241 W. 28th Street - New York, NY
- National Urban League - New York, NY
- 178 Warburton Avenue - Yonkers, NY
- Halletts Point 7 - Queens, NY
- 43 Hamilton Terrace - New York, NY
- Bronx Point - Bronx, NY
- 4790 Broadway - New York, NY
- 778 Myrtle Avenue - Brooklyn, NY
- 40th and Southern, BTR multi-family – Phoenix, AZ
- 51st and Baseline, BTR multi-family – Phoenix, AZ
- Sanctuary at Indian Creek, BTR multi-family – Huntsville, AL
- The Mitchell (MMP) - White Plains, NY - \$137M
- Moynihan Station Phase III - New York, NY - \$365M
- IBM North Castle - Armonk, NY - \$28M
- IBM Headquarters - Armonk, NY - \$24M
- NYU Maker Space - Brooklyn, NY - \$10M
- NYU 240 Mercer St - New York, NY - \$7M
- LinkedIn - New York, NY - \$5M
- Empire State Building Project Dream - New York, NY - \$90M
- Empire State Bldg. Tower Reconfiguration - New York, NY - \$10M
- 1155 Avenue of Americas - New York, NY - \$80M
- World Trade Center BMU Replacement - New York, NY - \$15M
- SUNY Downstate New Academic Building - Brooklyn, NY - \$73M
- The Mall at Bay Plaza - Bronx, NY - \$290M
- The Shops at Nanuet - Nanuet, NY - \$94M

AREAS OF EXPERTISE

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- | | |
|--------------------------------------|---------------------------------------|
| • Project Management | • Scheduling |
| • Procurement | • Quality Assurance / Quality Control |
| • Estimating & Planning Coordination | • Cost Management |
| | • LEED Monitoring |