

# Higher Education Opportunities

## Program Panelists

### **American University**

*Jeremey Stover – Director, Planning & Project Development*

### **George Mason University**

*Tom Calhoun – Vice President, Facilities*

### **University of Maryland**

*Bill Olen – Executive Director, Design & Construction*

*Moderator – Michael Vos, Branch & Associates*

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**Presentation** 5:30 to 7:00 p.m.

**Reception** 7:00 to 8:00 p.m.

**November 17, 2016**





**VISION**

**TEAMWORK**

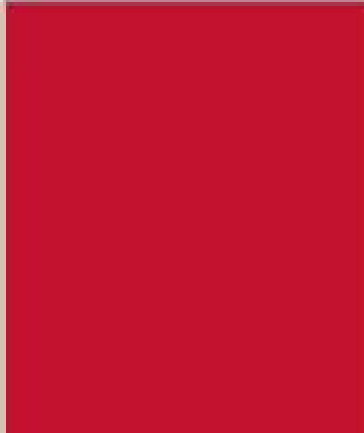
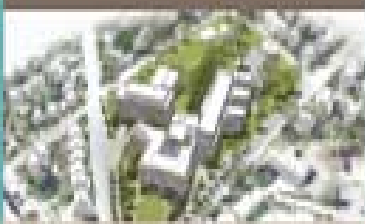


**PRIDE**



**TRANSFORMATIONAL**

**PROGRESS**



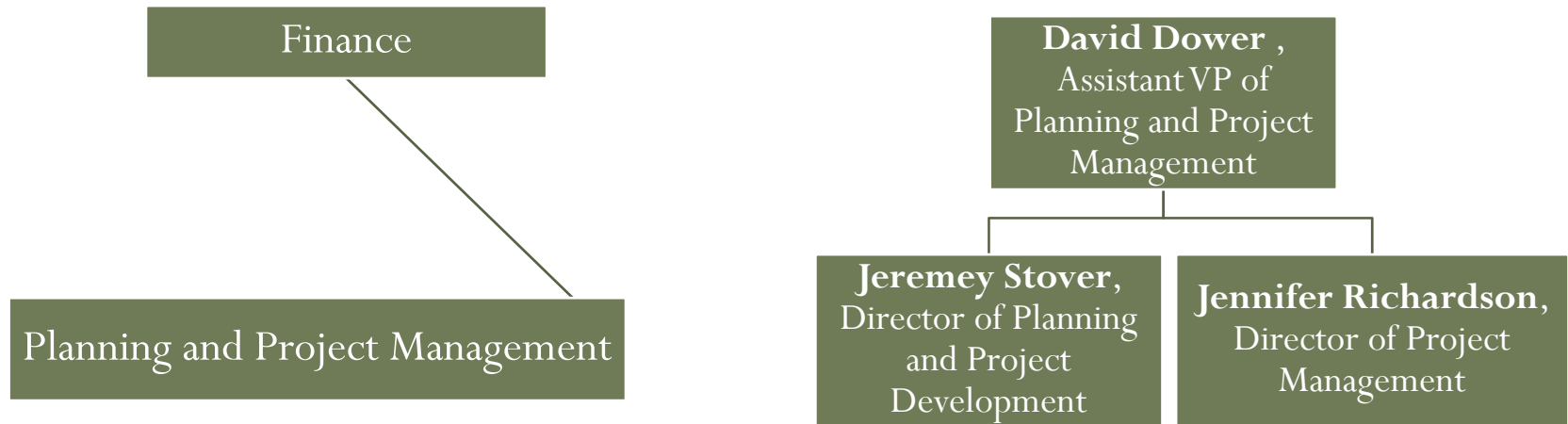
**BUILDING A BETTER  
AMERICAN  
UNIVERSITY**

# American University – Planning and Project Management

Jeremey Stover

Director of Planning and Project Development

# AU PPM Office



Capital  
Projects

Renovation  
Projects

PPM

Classroom  
Improvements

Resident Hall  
Renovations

# Construction Updates

- **East Campus:**
  - Utility Connections are complete
  - Installation of precast and exterior envelope for Buildings 2 and 3 is complete, and nearing completion on Building 1.
  - Site work is nearing completion
  - Buildings 2 and 3 interiors near completion, with “punch list” under way.
- **Tenley Campus:**
  - February 2016 - Construction completed
- **McKinley:**
  - May 2014 - Construction completed
- **4401 Connecticut:**
  - March 12, 2014 - Construction completed
- **Cassell Hall:**
  - August 2013 - Construction completed.
- **Nebraska Hall:**
  - August 2013 - Construction completed

# Renovation Projects - Current

- Ward Circle Building
- Butler Pavilion Mechanical Upgrades
- AU Club



# Upcoming Projects





# Stay in Touch

- [jstover@american.edu](mailto:jstover@american.edu)
- [www.american.edu](http://www.american.edu)



## FACILITIES UPDATE

Washington Building Congress – November 17, 2016



## OBJECTIVES:

### Provide University Background

- Identify upcoming design and construction projects
- Discuss any changing University policies
- Identify Points of Contact/Websites



## PROFILE

- *George Mason University is Virginia's largest public research university.*
- *Located near Washington, D.C., Mason enrolls more than 35,000 students from 130 countries and all 50 states. 2016 Freshman facts:*
  - *Largest freshman class ever*
  - *Highest academic standing*
- *Mason has grown rapidly over the past half-century and is recognized for its innovation and entrepreneurship, remarkable diversity, and commitment to accessibility.*
- *Mason is also one of the best values in higher education, producing graduates who lead all Virginia schools with the highest annual salaries.*





## CAPITAL PROJECTS – TOTAL PROJECT COSTS OVER \$2M

### Facilities Projects Listing

Project #	Project Name	Scope(sf) New	Scope(sf) Reno	Total Budget	Construction Start date	Occupancy date
<b>Construction</b>						
1	18043-000 Central Utility Plant Expansion	4,500	6,000	\$ 10,381,527	R 4/20/2015	5/15/2016
2	17634-000 Potomac Science Center	115,783		\$ 32,579,166	10/1/2014	3/1/2017
3	17999-000 Health Sciences - Academic VII	166,000		\$ 67,686,799	6/2/2015	10/9/2017
<b>Design</b>						
4	18172-000 Johnson Center Dining Phase II		9,500	\$ 4,000,000	2/15/2017	8/17/2017
5	17848-000 PPEA Discovery Hall Ph II & Fitout	18,000		\$ 3,800,000	5/16/2017	11/30/2017
6	18252-000 Hazel Hall Library Renovation - 1st and 2nd Floors		21,000	\$ 2,600,000	8/5/2017	12/15/2017
7	18011-000 Hylton Center Addition* CM at Risk	17,442		\$ 9,043,000	4/1/2017	4/1/2018
<b>Planning</b>						
8	18000-000 Life Sciences - Bull Run Add DPB	100,000	23,000	\$ 61,500,000	8/1/2018	9/1/2020
9	18208-000 Improve Utility Distribution Infrastructure Fairfax* CM at Risk			\$ 49,160,000	7/1/2018	3/1/2021
10	18207-000 Renovate Robinson Hall and Harris Theater (Phased)*CM at Risk	194,000		\$ 111,790,000	4/1/2018	5/1/2022
11	Improve Network Infrastructure			\$ 10,000,000	7/1/2019	8/15/2021
<b>Grand Total This Report</b>		<b>615,725</b>	<b>59,500</b>	<b>362,540,492</b>		

★ Construction Contractor selection has not yet occurred

★ Planning Funds Only

★ A/E not yet selected



GEORGE MASON UNIVERSITY

## CAPITAL OUTLAY REQUEST 2017-2019

### Improve Network Infrastructure – Phase 1

\$10,000,000

Increase data network survivability by:

- Designing and constructing remediation measures for network single points of failure and
- Constructing upgrades needed to bring the network closer to the campus standards.

### Renovations & Conversion of INTO Mason Global Center Ballrooms \$ 3,400,000

Convert two ballrooms within the INTO Mason Global Center into 13 classrooms.

### Renovations to Bull Run Hall for Science & Engineering Labs

\$ 3,100,000

Convert recently vacated wet lab research space into

- New biology instructional lab
- New chemistry instructional lab
- Two new mechanical engineering instructional labs and a mechanical engineering classroom.
- Faculty offices



## UPCOMING PLANNING STUDIES

- West Campus and South West Sector Charrette (Fairfax)
- Housing Demand Study – determine need for additional housing on or off campus in all locations
- Arlington Campus Study – look at Arlington Original Building Site



## PROCUREMENT POLICIES

- **SWAM Focus**

- Procurement vehicles for small contracts
- Assistance from primes with subcontracting plans

- **Delegated Capital Authority – upcoming for locally funded projects**

- Local Authorization
- Local standards and approvals
- Does not establish local permit authority

- **How to do business with us**

- <https://eva.virginia.gov/>





## CONTACTS

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# University of Maryland Department of Design & Construction

November 17, 2016





**UNIVERSITY OF MARYLAND**  
**Department of Design & Construction**

November 17, 2016

## USM Service Centers

- **UMD Baltimore**
  - Towson
  - Coppin State
  - University of Baltimore
  - UMBC
- **UMD College Park**
  - Bowie State
  - Frostburg State
  - UMES
  - Salisbury
  - UMCES
  - UMUC
  - USM





UNIVERSITY OF MARYLAND  
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November 17, 2016

## UMD Facilities Management (800+ staff)

- **Departments**
  - Building & Landscape Maintenance
  - **Design & Construction**
  - Engineering & Energy
  - Facilities Administration
  - Facilities Planning
  - Human Resources
  - Operations & Maintenance

Website: [www.facilities.umd.edu](http://www.facilities.umd.edu)





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# Department of Design & Construction

- Executive Director: William Olen
  - Associate Directors
    - UMD Projects < \$5M
    - UMD and Client Institution Projects > \$5M
    - Design Services
    - Technical & Administrative Support
  - Staff: ~125
- 21 members of departments staff are LEED certified professionals, 5 are also Green Globes professionals.
- 30 professional architects, landscape architects and engineers on staff







**UNIVERSITY OF MARYLAND**  
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November 17, 2016

## Design & Construction

- Projects across the state, about half of dollar value at UMD
- New construction and building renovations
- 62 Capital projects valued at \$1.9B
- >7 projects valued > \$100M

### Construction Methods:

- Construction Management at Risk
- Design/Build
- Design/Bid/Build
- JOC





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## Design & Construction

- Capital Projects > \$100M include:
  - UMD Cole Field House Renovation at UMD \$ 155M
  - UMD Brendan Iribe Center at UMD \$ 142M
  - UMD Clark Hall at UMD \$ 159M
  - UMD St. John Learning & Teaching Center at UMD \$ 119M
  - BSU Natural Science, Math & Nursing Center at BSU \$ 102M
  - SU Academic Commons at SU \$ 117M
  - USG Bio-medical Building at USG \$ 162M



# Edward St John Learning & Teaching Center – 184K GSF ASG designer – Clark CM@R





# The New Cole Field House

Cannon designer - Gilbane CM@R



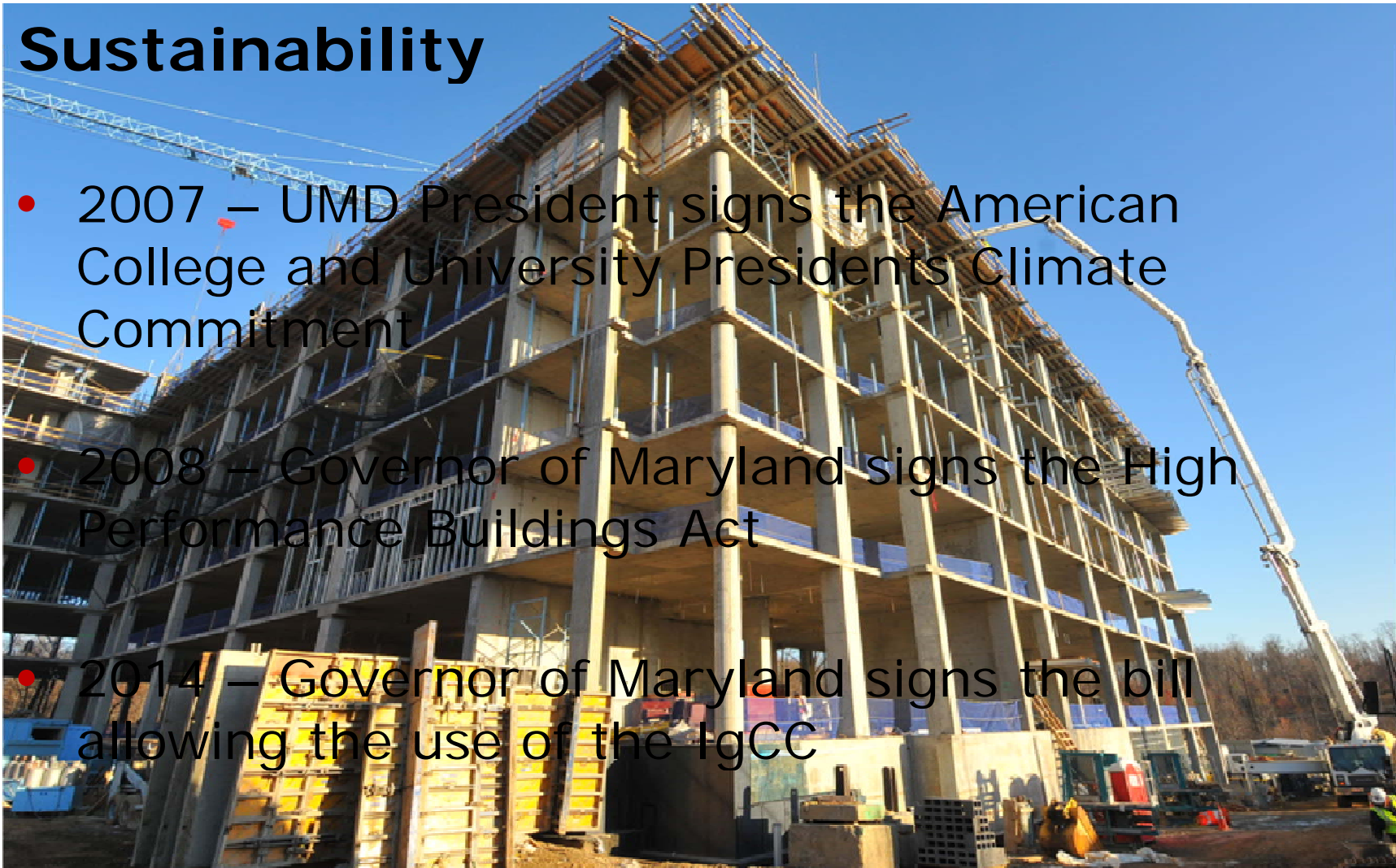


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## Sustainability

- 2007 – UMD President signs the American College and University Presidents Climate Commitment
- 2008 – Governor of Maryland signs the High Performance Buildings Act
- 2014 – Governor of Maryland signs the bill allowing the use of the IgCC





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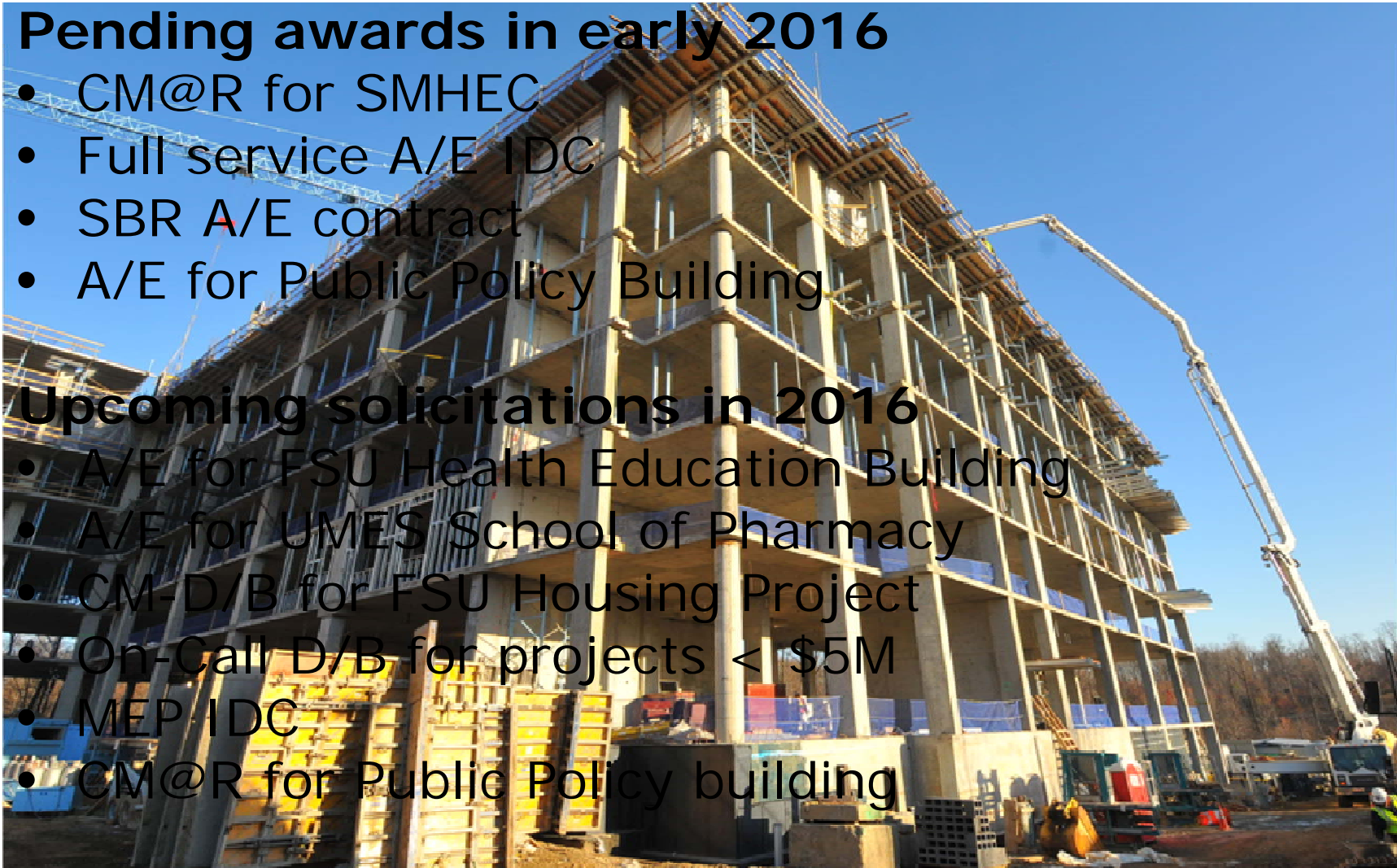
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## **Pending awards in early 2016**

- CM@R for SMHEC
- Full service A/E IDC
- SBR A/E contract
- A/E for Public Policy Building

## **Upcoming solicitations in 2016**

- A/E for FSU Health Education Building
- A/E for UMES School of Pharmacy
- CM-D/B for FSU Housing Project
- On-Call D/B for projects < \$5M
- MEP IDC
- CM@R for Public Policy building







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# USM A/E Selection Procedure

## Project Approach

- Phase I – Portfolio review
- Phase II
  - Documentation (330s, etc.)
- Phase III
  - Interview/Oral Presentation (if documentation is complete)
- Phase IV
  - Fee Negotiation
  - Goal is that process is completed in ~ 6 months





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# Procurement Opportunities

- Register with eMaryland Marketplace  
[www.emarylandmarketplace.com](http://www.emarylandmarketplace.com)
- [www.facilities.umd.edu/capitalprojects](http://www.facilities.umd.edu/capitalprojects)





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# Safety

- FM's goal is an accident-free workplace

A logo for Facilities Management. It features a stylized building icon above the text "Facilities Management" in a bold, black, sans-serif font. Below this, the words "WORK SAFE" are written in a bold, green, sans-serif font, enclosed in a white rounded rectangle with a green border.

**Facilities  
Management**

**WORK SAFE**







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# WBC Evening Program Sponsors



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