



# AGC EDUCATION AND RESEARCH FOUNDATION

.....

**2021**

ANNUAL  
REPORT

OUR SOLID  
LEGACY,

**THEIR  
BRIGHT  
FUTURE.**

[agcfoundation.org](https://agcfoundation.org)





## AGC EDUCATION AND RESEARCH FOUNDATION **MISSION STATEMENT**

The AGC Education and Research Foundation shall advance and support education in the construction industry and support or contribute to scientific or research projects and programs deemed to be beneficial to the advancement of technological, educational, or vocational expertise in the industry.

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## IN MEMORIAM



**RALPH WILLIAM JOHNSON**  
JANUARY 4, 1937 – JULY 10, 2021

In memory of AGC of America former President and AGC Education and Research Foundation supporter **Ralph W. Johnson**. Ralph was one of the construction industry's most respected and admired professionals who gave of his time and skills in support of the construction industry.

## CONSULTING CONSTRUCTORS' COUNCIL OF AMERICA (CCC)

### ACKNOWLEDGES ITS 2021 NEW MEMBER INDUCTEES

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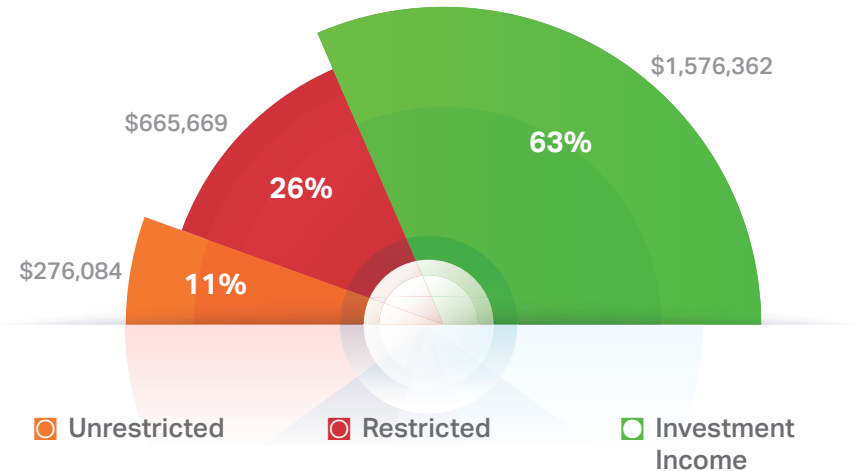
2021

# FINANCIAL PERFORMANCE

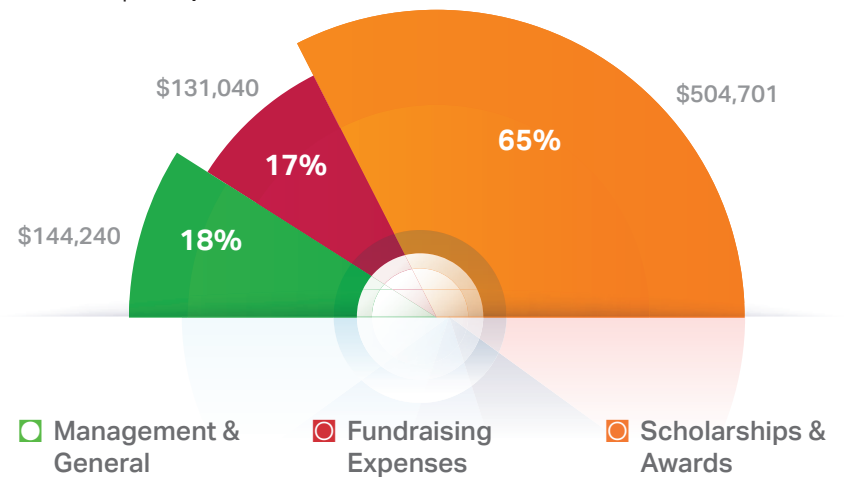
The AGC Education and Research Foundation had a successful 2021 year despite dealing with the ongoing pandemic. Thanks to its very generous donors, the Foundation raised almost \$940,000 in total contributions in 2021. The Foundation's annual gala, held at the AGC of America Convention, was once again a success despite being pushed back to the fall for the first time. Despite the challenges and business slowdowns caused by the pandemic, the Foundation's investments showed positive returns during the year, and the Foundation ended the year with roughly \$13.9 million in net assets. The Foundation awarded scholarships of approximately \$443,000 and contributed to four industry residencies in 2021.

**Total Income:** \$2,518,115  
**Total Expenses:** \$779,981  
**Total Investment Income/Gain:** \$1,576,362  
**Overall Net Income:** \$1,738,134

**2021: TOTAL INCOME**  
**\$2,518,115**



**2021: TOTAL EXPENSES**  
**\$779,981**





# OUR SOLID LEGACY, THEIR BRIGHT FUTURE.

Historians will undoubtedly look at these last few years across our nation and the broader world and proclaim only the strong were able to survive. We certainly aspire to be recorded among those organizations that not only survived but were able to leave footprints in the sand for our accomplishments.

We acknowledge success is not achieved in a vacuum and we therefore hold in high esteem so many of our friends in the construction industry, academia and across the spectrum of our donor base who have stayed the course and continued their support. You have helped us expand our scholarship offerings to support deserving undergraduate, graduate, and aspiring craftspersons who will be the industry's next leaders and influencers.

Thank you for helping us ensure this industry will be in great hands as this country's next generation of construction professionals prepare to assume their roles in their chosen careers.

We thank you for believing in us to have a positive impact on them, and they tell us daily how beneficial what you do means to them and their families.





## 2021 ANNUAL REPORT HIGHLIGHTS

The AGC Education and Research Foundation offers undergraduate and graduate-level scholarships to students enrolled in ABET or ACCE-accredited construction management or construction-related engineering programs. Over \$10 million in scholarships have been awarded to more than 4,000 students attending colleges and universities across the country. The AGC Education and Research Foundation awarded 133 scholarships totaling \$440,000 in 2021.

**THE CONSULTING CONSTRUCTOR'S GALA (CCC)** benefiting the AGC Education and Research Foundation, held in September 2021 at Orlando World Center Marriott, successfully raised \$480,551 dollars for the Foundation, awarding scholarships to deserving students across the country.





**THE AGC EDUCATION AND RESEARCH FOUNDATION** awarded Professor Lee Templin, P.E., with the 2021 Outstanding Educator Award. Professor Templin is a tenured faculty member at Ferris State University in Big Rapids, Michigan. He is teaching in his twenty-fifth year at Ferris State after working over eleven years in the construction industry, primarily in the Detroit and Flint areas. Professor Templin primarily teaches estimating, administration, and scheduling courses.

He has been the primary faculty advisor for the Associated Construction Students (ACS), a registered student organization for the past twenty-four years. In addition to serving as the ACS advisor, he has coached and advised the Commercial Competition Team for the Associated Schools of Construction (ASC) Region 3 student competitions for the past fifteen years.



**NOAH DAVID JACKSON OF PURDUE UNIVERSITY** was awarded first place in the Associated General Contractors (AGC) of America's Allhands Essay Contest for his essay "How New, Innovative Technology and Project Execution Tools and Techniques Can Be Used to Improve the Construction Process." He was honored at the AGC's 2021 Convention.



**THE AGC EDUCATION AND RESEARCH FOUNDATION'S WORKFORCE DEVELOPMENT SCHOLARSHIP** helps students like scholarship winner Curtis Choi to develop skills in specialty trades while working full time. The Foundation awarded seventeen workforce scholarships in 2021, totaling \$31,000 over two years.

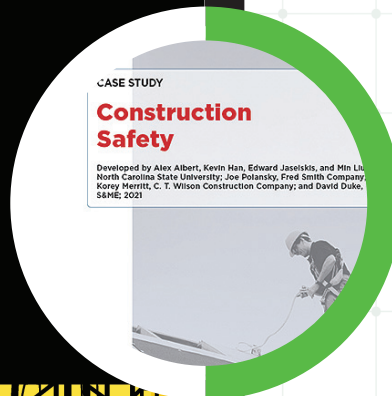
## [ REPORT HIGHLIGHTS continued ]



### **ROBERT L. BOWEN INDUSTRY RESIDENCY INITIATIVE:**

Industry residencies are created through partnerships between an educational institution, an AGC contractor, and the AGC Education and Research Foundation. In total, the Foundation has sponsored thirty-nine industry residents since 2011. AGC Education and Research Foundation congratulates the 2021 class of industry residents:

- Amna Salman: Auburn University and Bailey Harris Construction Co.
- Kenneth Sands II, Ph.D.: Florida Gulf Coast University and Skanska Gates
- Min Jae Suh: Sam Houston State University and Anslow Bryant Construction, Ltd.
- Tulio Sulbaran: The University of Texas at San Antonio and Bartlett Cocke General Contractors



**WRITTEN BY TEAMS OF FACULTY MEMBERS AND AGC CONTRACTORS**, the Foundation's industry case studies are based on actual experience and provide students with the opportunity to work through issues in the classroom setting. Fourteen case studies are available online. The coordination among teams and the Foundation allows us to provide case studies to professors worldwide free of charge.



**HOW NEW, INNOVATIVE TECHNOLOGY AND PROJECT  
EXECUTION TOOLS AND TECHNIQUES CAN BE USED TO  
IMPROVE THE CONSTRUCTION PROCESS**

**Noah David Jackson**

**Purdue University**

*2021 James L. Allhands Essay Competition*

The largest firms are developing innovation departments, investing in new technologies, and testing products on-site. Taking this into consideration, three technologies most feasible for implementation have been chosen for discussion. These technologies have high potential to disrupt the industry, have proven their cost effectiveness, and are least intrusive to the tradesmen. The three technologies—the Internet of Things (IoT), Drones, and Prefabrication—will work integrally together to provide a foundation for the future construction jobsite.

The implementation of IoT, Drones, and Prefabrication will serve as the foundation for the construction industry as it rapidly innovates. Construction sites will accomplish more with less through strategic implementation of technologies.

[ Note: The text above is an excerpt from Noah David Jackson's first-place award-winning essay from the 2021 James L. Allhands Essay Competition, sponsored by the AGC Education and Research Foundation. ]



## [ REPORT HIGHLIGHTS continued ]

### ESTABLISHING A NEW HBCU SCHOLARSHIP

Our long-term relationship with Procore Technologies led to their very generous gift of \$250,000 to establish the Procore HBCU Scholarship to support minority students studying construction at any of the nation's Historically Black Colleges & Universities, or HBCUs for short.

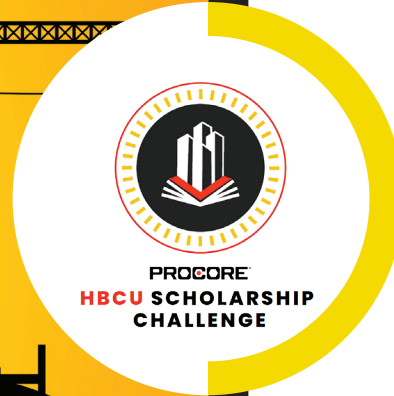
In response to Procore's challenge made during the AGC Convention, the Foundation launched a Challenge Campaign to match their \$250,000. Thanks to members' generous gifts toward the challenge, we have exceeded 60% of our campaign contributions and are very optimistic about meeting and exceeding the \$500,000 goal.

We are actively seeking AGC members and firms to consider making additional gifts to help us complete this Challenge Campaign well before its intended end of December 31, 2023. Learn more about the HBCU Challenge Campaign at <https://donate.agc.org/Foundations/HBCU.aspx>. You can also contact Darrel Gibson, executive director, at [darrel.gibson@agc.org](mailto:darrel.gibson@agc.org) or 703-837-5340.

### PROCORE HBCU SCHOLARSHIP CHALLENGE CAMPAIGN DONORS

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