

Vita

Kressida Rice, M.Eng., CMIT., MPM, CPE.

Construction Management Department
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Education

- B.S., Civil Engineering, 2016, Mississippi State University, Starkville, MS
- M.Eng., Construction Engineering Management, 2019, University of Alabama at Birmingham, Birmingham, AL
- Graduate Certification., College Teaching, 2020, Universal of Missouri - Columbia, Columbia, MO
- Ph.D., Civil Engineering with a concentration in Construction Engineering Management, 2025, University of Alabama in Huntsville, Huntsville, AL

Licensures and Certifications

Master Project Manager
Organization: American Academy of Project Management
Date Received: January 2022

Certified Planning Engineer
Organization: American Academy of Project Management
Date Received: January 2022

OHA 30-Hour Construction Certification
Organization: OSHA – Occupation Safety and Health Administration
Date Received: December 2021

Construction Manager-in-Training Level 1
Organization: CMAA – Construction Management Association of America

Date Received: January 2021

Association Memberships

- National Association for the Advancement of Colored People, 2021 – Present
- National Honor Society, 2021 – Present
- Construction Management Association of America, 2020 – Present
- Project Management Institute, 2020 – Present
- National Association of Women in Construction, 2019 – Present
- American Society of Civil Engineering, 2014 - Present

Professional Experience

Desai Hotel Group – Project Associate – 2016 to 2017

Assist project manager with duties for the development and construction of the hotels. Obtain bids from different vendors to help with the development of hotels and travel to different sites for construction projects.

CHA Consulting, Inc. – Construction Engineer – 2017 to 2019

Inspected the construction of aviation projects, including airside, landside, and building projects. Helped with reviewing construction documents, including plans and specifications for meeting FAA's requirements. Involved with the construction administration side of projects by reviewing and approving shop drawings, conducting construction progress meetings, and creating daily reports for projects using multiple software to develop construction cost estimates and take-offs for current projects.

ECS Limited – Construction Materials Project Manager – 2019 to 2020

Classed soils and assigned lab testing. Reviewed field and concrete break reports daily and worked on marketing including daily on-going client interaction and development of a client database.

Black Creek Integrated Systems Corp – Project Manager – 2020 to 2021

Assisted with the development of customer proposals and project estimates. Managed project safety along with overseeing subcontract work. Responsible for developing and meeting project schedules. Communicated daily with on-site personnel to ensure coordination with engineering and installation and tracked scope changes and change orders. Communicated changes with the design team for implementation.

CHOYCES, LLC – Tutor Internship – 2020 to 2021

Hosted virtual teaching/tutoring sessions. Created tailored instructions and curriculum plans for students to ensure content. Engaged children in educational activities and discussions. Helped students understand the content and become as best as they could possibly be.

UJAMAA Construction – Assistant Project Manager – 2021 to 2022

Applied standard project management techniques throughout the project lifecycle including analysis, design review, cost savings analysis, subcontractor review and selection, quality control, safety management as well as value measurement definition. Managed day-to-day operational aspects of a project and scope and effectively minimized exposure and risk. Ensured project documents are complete, current, and stored appropriately. Provided leadership and guidance required to effectively define, plan, and implement projects and if required revise the plans to meet the changing needs and requirements of the project.

Everglades University – Adjunct Professor – 2021 to 2022

Instructed and facilitated academic courses online as assigned. Motivated, encouraged, assisted, and tutored students as necessary. Hosted two or more Recorded Everglades Live-Lecture sessions in Blackboard Collaborate Ultra. Maintained current and accurate information and techniques related to the subjects taught.

ADT – Senior Project Manager – 2022 to Present

Demonstrated capability to read, understand, and apply standards to moderately complex documents affecting real estate projects, including agreements/contracts, leases, work letters, surveys, and construction drawings. Reviewed architectural construction drawings - applied all preliminary information to develop the final design in floor plans, finish plans, equipment plans, elevations, and details and reviewed and approved submittals. Held calls to review facility standards with Architects and General Contractors to ensure the bidding process results in an accurate quote. Held weekly construction calls throughout the project with local leaders, architects, general contractors, and other national vendors. Assisted with move coordination activities including calls with movers and telco/IT teams as well as visits to the site on move day to ensure a smooth transition for employees to their new location. Managed multiple projects simultaneously. Created and balanced the budgets of each project and managed project scope and change orders. Gathered all close-out documents from the contractor to collect TIA. Made design changes and found solutions to unexpended conditions or issues during the construction phase.

Lamar State College-Orange – Adjunct Instructor and Program Director – 2022 to Present

Instructed and facilitated academic courses online as assigned. Motivated, encouraged, assisted, and tutored students as necessary. Hosted two or more Recorded Everglades Live-Lecture sessions

in Blackboard Collaborate Ultra. Maintained current and accurate information and techniques related to the subjects taught. Recommend class schedules for each semester for courses in the program. Assist in advisement, recruitment, and retention of students in the program. Monitor and complete degree plans for graduating students within the program. Develop and revise the curriculum for the program in coordination with the faculty and program advisory committee. Create and maintain an advisory committee hosting meetings annually or biannually. Informally evaluate faculty performance in the program. Serve as the primary liaison between business partners, community agencies, and advisory committee members.

Research Interests

My research interest is the need for Project Management to overcome the challenges and expedite post-disaster recovery is important. Project Management aspects to help manage the challenges will be helpful in the end when it comes to post-disaster recovery. Since there are different phases in a construction project, it could be helpful to determine what phase you are in the project to help make sure your project doesn't go over budget, delay the project, lack resources, and lack communication. My proposed approach for my dissertation will be based on my proposal by using expert judgment analysis. Expert judgment analysis is a technique using judgment based on skill, expertise, and knowledge in that area. This will give me a clear understanding of all the challenges faced in the field and what the Project Manager did to overcome them.

Teaching Experience

9th – 12th Grade Math: The primary focus of this course is learning the fundamentals of Algebra, but can include other advanced mathematics such as Geometry, Algebra 11, PreCalculus, or Trigonometry. It is used to formalize and extend understanding and application of quadratic and exponential functions as well as other advanced mathematical concepts.

1st grade math: The primary focus of this course is learning basic math such as addition and subtraction.

3rd-grade math: The primary focus of this course is learning addition, subtraction, multiplication, and division fact families and using them in equations and two-step word problems.

BCN3708 Construction Contracts: A comprehensive study of the contracting practices and instruments used in the construction industry. Liability and risk factors are included.

BCN4703 Managing a Construction Project: The student learns the aspects of managing and administrating a construction project through a comprehensive case study exercise.

BCN1272 Building Construction Plans: This course provides an overview of construction plans and specifications. The student learns to read and interpret working drawings with an emphasis on site, architectural, and structural details. An introduction to mechanical and electrical plans is given.

BCN2798 Managing a Construction Business: This course introduces the entrepreneurial aspects of starting and building a construction business. Company organization and structure, licensing, finance, accounting, policies and procedures, business development, and operations are topical areas covered.

CNBT 1411 Construction Materials & Methods I: Introduction to construction materials and methods and their applications.

CNBT 1300 Residential and Light Commercial Blueprint Reading: Introduction to construction drawings with a focus on residential and light commercial construction.

CNBT 2344 Construction Management II: A management course in contract documents, safety, planning, scheduling, production control, law, and labor issues. Topics include contracts, planning, cost and production peripheral documents, cost, and work analysis.

References

1. Angela Inchaustegui
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ADT
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Email: ainchaustegui@adt.com
2. Jordan Gladstone
Designer Senior Real Estate
ADT
Cell: 954-303-0507
Email: jordansgladestone@gmail.com
3. Dianne Gilmer
Instructor and Director of CEM Student Affairs
University of Alabama at Birmingham
Cell: 205-504-1359
Email: digilmer@uab.edu
4. Dennis Truax
2022 President of the American Society of Civil Engineers
Mississippi State University
Cell: 662-325-7187