

James S. “Jim” Chidester, P.E.

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(870) 972-3878

Certifications and Education:

Registered Professional Engineer: Arkansas

Master Degree of Engineering Management (MEM). December 2019. Arkansas State University, Jonesboro, Arkansas. G.P.A. 4.0

LEED Fellow (2016 Cohort)

LEED Accredited Professional Building Design & Construction (BD+C)

USGBC (LEED) Faculty 2011 – 2014

Bachelor of Science Degree in Engineering with Professional Concentration in Mechanical Engineering. May 1993. Arkansas State University, Jonesboro, Arkansas. G.P.A. 3.77. Cum Laude

Teaching/Presenting Experience:

Instructor. Arkansas State University. August 2022 – Present. Construction Management (BSCM) and Engineering Management (BSEMS, MSEM). Courses include:

Green Construction (BSCM Program) CM 3013

Project Management (MSEM Program) EGRM 6083

Engineering Management I (BSEMS/MSEM Programs) EGRM 4023/5023

Engineering Management II (MSEM Program) EGRM 6033

Construction Physics (BSCM Program) CM 3003

Strategic Bidding and Estimating (BSCM Program) CM 3023

Adjunct Faculty. Arkansas State University. March 2022 – May 2022. **Engineering Management I** (MSEM Program) EGRM 4023/5023.

Adjunct Faculty. Arkansas State University. October 2021 – December 2021. **Project Management for Engineers** (MSEM Program) EGRM 6083.

Adjunct Faculty. University of Arkansas at Little Rock. January 2001 – May 2001. Thermal Systems Design (Heat Transfer).

Adjunct Faculty. University of Arkansas at Little Rock. August 2000 – December 2000. Applied Thermal Science (Thermodynamics).

Adjunct Faculty. University of Arkansas at Little Rock. May 2000 – August 2000. Senior Design for Engineering Technology.

Presenter/Speaker. ASHRAE's National Energy Modeling Conference, Atlanta, GA. 175 attendees. October 1-3, 2012. "Energy Modeling for LEED Projects – Top 10 Lessons Learned."

Lead Instructor for Energy Code Workshop series – a joint venture between USGBC – Arkansas Chapter and the Arkansas Energy Office. 200+ attendees total. "Updating the Arkansas Energy Code, What You Need to Know About ASHRAE 90.1-2007."

Co-presenter/Instructor. LEED BD+C 301: Implementing the Building Design and Construction LEED Rating System. April 12, 2012. Little Rock, AR.

Co-presenter/Instructor. LEED Core Concepts and Green Associate Exam Prep. Sponsored by USGBC – Arkansas Chapter. Numerous repeat classes.

Presenter/Speaker: Arkansas Association of Energy Engineers State Conference. Hot Springs, AR. 200 attendees. May 29, 2015. "The Road to LEED is Paved with Good (Energy-Efficient) Intentions."

Presenter/Speaker: Arkansas Association of Energy Engineers Fall Education Day. Russellville, AR. 50 attendees. Oct. 27, 2015. "What You Need to Know About the Arkansas Energy Code."

Presenter/Speaker: Arkansas Society of Professional Engineers. Hot Springs, AR. 30 attendees. "The Professional Engineer's Role in the LEED Process."

Presenter/Speaker: Arkansas Association of Energy Engineers Fall Education Day. Russellville, AR. 50 attendees. Aug. 31, 2016. "Pushing the Envelope for Energy Efficiency – Push It. Push It Real Good."

Arkansas State University College of Engineering. Jonesboro, AR. October 8, 2018. "LEED 101."

Arkansas State University College of Engineering. Jonesboro, AR. November 14, 2019. "The Top 10(-ish) Things a New CoECS Grad Should Know."

Arkansas State University College of Engineering. Jonesboro, AR. October 19, 2020. "LEED 101."

Work Experience:

Sr. Mechanical Engineer/Director of Energy Services – Batson Inc. Jan 2015 – Present.

Owner/Managing Member – Chidester Engineering, PLLC. Feb. 2007 – Jan. 2015.

Vice President – Mechanical/Electrical Dept. – Crafton, Tull, Sparks & Associates, Inc. (formerly I.C.E., Inc.) April 2005 – February 2007.

Mechanical Dept. Head/Associate Principal - I.C.E., Inc. Little Rock, Arkansas. April 2002 – April 2005

Mechanical Engineer - I.C.E., Inc. Little Rock, Arkansas. June 1993 – April 2002.

Consulting Engineering Responsibilities:

Responsibilities included: project management and supervision of Intern Engineers, as well as, new client development, proposals and contracts, marketing, and, project development. Responsibilities also included all aspects of HVAC and Mechanical systems design and construction administration, as well as, Energy Engineering and Energy Modeling, for commercial clients and projects.

Owned and operated a one-person Mechanical Engineering/Consulting firm (Chidester Engineering, PLLC) for almost eight years. Responsibilities included all aspects of HVAC and Plumbing systems design, Energy Studies, Energy Modeling, and Construction Observation, as well as, all administrative, marketing, accounting, and sales responsibilities for the company.

Managed a fifteen-person mechanical and electrical engineering department (in a 320-person firm – Crafton, Tull, Sparks & Associates, Inc.). Responsibilities included: marketing and new-project generation, new client development, proposal and contract writing, organizing project assignments and schedules, project delivery, and mentoring of junior employees.

Project engineer responsible for HVAC system design of commercial and institutional facilities, with special emphasis in nursing home design and restaurant design. Past projects also include: educational facilities, churches, historic restorations, correctional facilities, and multi-story office buildings.

Project design responsibilities include: HVAC load calculation, equipment selection, ductwork design, production of building plans and specifications, as well as, general project planning and coordination. Further responsibilities include construction observation, reviewing mechanical equipment submittals, and preparing energy reports for new construction projects.

Honors & Affiliations:

Arkansas State University, College of Engineering and Computer Science (CoECS) Alumni Academy, Current President; Inaugural Vice-President, 2022; Charter Member, 2021

Arkansas Business Magazine's Top 40 Under 40, 2010

USGBC – Arkansas Outstanding Member, 2013

ASHRAE - Member since 1993

Arkansas State University – College of Engineering ME Advisory Board (Former)

Christopher Homes of Arkansas – Former Board Member

USGBC, LEED, and Sustainability Experience:

Mechanical Engineer of Record; Camp Aldersgate Commons Building; LEED Gold Certified June 2005; Completed construction August 2004; Designed 2003-2004. First Gold Certified building in Arkansas.

Provided Energy Modeling and Energy Modeling consulting services for 25+ LEED projects.

Provided Energy Modeling and Energy Modeling consulting services for numerous other sustainability projects, especially for energy rebates, tax credits and incentives, EPA Energy Star ratings, and other sustainable and green building rating systems.

Chair, USGBC Southeast (Regional Council, formerly known as SERC), 2015

Gear Up Conference Chair 2014 (Memphis, TN). (SERC's regional leadership conference)

SERC (Regional) Representative for Arkansas Chapter 2011-2015

Sustainable Arkansas (state conference) Chair 2019, 2018, 2017, 2016, 2014, 2012, 2009

USGBC – Arkansas Green Tie Awards Gala Chair 2019, 2018, 2017, 2016, 2014, 2012

USGBC – Arkansas Chapter Immediate Past-chair 2011

USGBC – Arkansas Chapter Chair 2010

USGBC – Arkansas Chapter Vice-Chair 2009

USGBC – Arkansas Chapter Central Branch Chair 2007, 2008