



Vulcan Voice

**2021-2022
BIRMINGHAM
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*Home of
Society President
Billy R. Manning
94/95
George Jackins, PE,
98/99*

Upcoming Events in 2022:



Feb 22nd – ECOB Annual Awards Banquet

Mar 2nd – President Mick Sweidler visits ASHRAE Birmingham Chapter

Mar 23rd – Monthly Meeting. Sam Chen, P.E. AL Board of Plans Examiners, Topic: AL Engineering Plans and Specifications and Governmental Bills affecting Engineers and Contractors

April 27th – Harry Topikian, P.E., The Evolution of Air Handling Equipment.

May 12th – Golf Tournament at Ballantrae, starting with lunch at 11:30am and shotgun start at 1pm

March 2nd & 23rd, 2022 MEETING (11:30am – 1pm Central):

The meeting will be held **in-person** at the [Vestavia Hills Library](#) Main Conference Rm. If you are unable to attend in-person, an audio bridge will be opened at the link below:

[Click here to join the meeting](#)

Call in - [+1 470-705-0860,,982587358#](tel:+14707050860982587358) Access Code: 982 587 358#

Please join us for **TWO** meetings this March. On March 2nd, we will have a special meeting and where will be joined by the current ASHRAE president, Mick Sweidler, who will talk about his goals and accomplishments of ASHRAE in 2021/2022 and *The Advanced Energy Design Guide for Hospitals – Reducing energy consumption by 50%*. Then, for our regular monthly meeting, Sam Chen from the AL Board of Plans Examiners will be discussing *Alabama Engineering Plans and Specifications and Governmental Bills affecting Engineers and*

Monthly Member Spotlight

Ed Senter, P.E. - Principal at Senter Engineering



Ed Senter, P.E. is principal of Senter Engineering in Birmingham providing consulting services in the areas of energy management, energy planning, and instrumentation and controls for commercial and industrial clients. He has been in private practice since 1992 as a principal with Senter Engineers, then MJR/Senter, and now his current firm. Example projects have included the design, programming, and start-up of a control system for major HVAC equipment in a biomedical research laboratory; optimization of control systems for an archival museum reducing energy use by 14% and cost by nearly 40%; optimization and recommissioning of controls and an energy recovery system for a laboratory facility resulting in over a 20% reduction in energy use; and facility energy metering systems.

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Ed served as energy manager for the University of Alabama at Birmingham for ten years establishing and managing that program. During this period, UAB saw a drop in overall energy use over 12% with avoided energy cost of \$11 million while experiencing a 36% increase in conditioned space. He was the primary staff in master planning UAB's energy systems and developed the chilled water rate to cover operation, replacement, and expansion of the chilled water system. Prior to his work at UAB, Ed worked for Rust Engineering in instrumentation and controls and then under George Jackins at Energy Management Consultants, Inc.

Ed joined ASHRAE and the Birmingham Chapter in 1980. A member of the Board of Governors for many years, he has also served several terms as chair of the Energy Management Committee and the Technology, Energy, and Governmental Activities Committee (both predecessors of the current Chapter Technology Transfer Committee) and served several terms as treasurer. In 1980, he was ASHRAE's nominee for the Engineering Council of Birmingham's (ECOB) Young Engineer of the Year. As ASHRAE's nominee, he was selected for ECOB's Engineer of the Year in 2001 and Distinguished Service Award in 2009.

In addition to ASHRAE, he is a member of ISA, IEEE, NSPE, and AEE.

Link to the all-new ASHRAE Birmingham Chapter Home Page [Click Here!](#)

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