

Chair, Board of Trustees  
December 14, 2021

Members, Board of Trustees:

APPOINTMENT TO THE UNIVERSITY OF KENTUCKY  
MINING ENGINEERING BOARD OF DIRECTORS

Recommendation: that the Board of Trustees approve the appointments of Mr. Francis Boaten, Mr. Gaither Frazier and Mr. Timothy K. Slone to the University of Kentucky Mining Engineering Foundation Board of Directors for a two-year term ending June 30, 2023.

Background: The Nominating Committee of the University of Kentucky Mining Engineering Foundation, which includes the dean of the college of engineering, recommended these appointments to the provost. These recommended appointments require approval by the Board of Trustees in accordance with the Articles of Incorporation and By-Laws for the University of Kentucky Mining Engineering Foundation approved by the Board of Trustees at its meeting on December 14, 1982. These nominations are supported by the president and provost.

Biographical sketches of the appointees are attached.

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Action taken:    ☒ Approved    ☐ Disapproved    ☐ Other \_\_\_\_\_

**University of Kentucky Mining Engineering Foundation, Inc.**  
**Board of Directors Biographical Information**

**Francis Boaten**

Francis Boaten is currently an operations superintendent at Nutrien's Phosphate operations in Aurora North Carolina. He joined the company in April 2016 after several years in the coal mining industry where he held engineering and plant management roles with Massey Energy, Alpha Natural Resources and Patriot Coal. Mr. Boaten obtained his undergraduate degree in Mineral Engineering at the University of Mines and Technology in Ghana, West Africa in 1998. During this period and subsequent professional life, he gained valuable experience in the manganese and gold industry. Prior to leaving his native country, Ghana, Mr. Boaten progressed to a management role at Precious Minerals Marketing Company as part of the company's gold assay and export department in Tarkwa in the Western Region of Ghana. In 2003 Mr. Boaten began his graduate studies at the University of Kentucky where he graduated with a Master of Science degree in Mining Engineering. Mr. Boaten has been involved in both the research and presentation of various technical topics at both Coal Preparation and Society for Mining, Metallurgy and Exploration (SME) conferences in mineral processing.

Mr. Boaten and his wife live in Greenville, North Carolina with their three children.

**Gaither Frazier**

Gaither Frazier has been the President and General Manager for Arch Resources, Inc.'s Leer Mining Complex in Grafton, West Virginia for the last eight years. Prior to that, he was Regional Manager for Arch's Western Appalachia Operations upon their acquisition of International Coal Group in 2011. Gaither also served as Operations Manager and General Manager of Arch's Cumberland River Operation for seven years.

Gaither has worked a total of twenty-six years with Arch in two different periods. Beginning as a planning engineer and working his way through the ranks in mine management from Section Foreman to Mine Manager at their Lone Mountain Operation in Harlan, Kentucky, to his current position at Leer. In between his time with Arch, Gaither worked for Progress Fuels, beginning as Engineering Manager and reaching the level of Operations Manager, prior to returning to Arch Resources in 2004.

In addition to mine operation management, Gaither has over ten years of experience in mining engineering, planning and construction, covering everything from permitting to final reclamation for surface and underground mines, refuse impoundments and large mine construction projects. He has worked with everything from small conventional mining to large longwall operations, highwall mining, and both small and large surface mines.

He received his Bachelor of Science degree from the University of Kentucky in Mining Engineering in December of 1982 and began his career as a mining engineer with Westmoreland Coal Company's Virginia Division in 1983.

## **Tim Slone**

Timothy Kevin (Tim) Slone is a native of Harlan County, born and raised in the Benham-Lynch area. Tim attended Harlan Independent High School and was awarded as an Outstanding Young Kentuckian in April of 1975 by then-Governor Julian Carroll. He graduated from high school in May of 1975 in the top twenty percent of his class and less than a month after commencement, was cited by the President of the United States, Gerald Ford, for saving the life of a classmate following a canoeing accident.

Three days after graduating from high school, he followed his desire to work in an underground coal mine until that fall when he enrolled in the University of Kentucky. Mr. Slone was awarded the Outstanding Student Award representing the Department of Mining Engineering in April 1979, graduating with a BS in Mining Engineering in May of 1979.

After graduation, Mr. Slone worked for Pyro Mining Company in western Kentucky in the engineering department, but production tugged at his soul and he became a mine foreman. In 1980, while working for Pyro Mining Company, he was awarded the Mine Safety and Health Administration's Award of Honor for saving a life of a co-worker after a roof collapse.

After Pyro Mining Company, Tim worked in production and engineering capacities for coal companies in southwest Virginia, eastern Kentucky, eastern Tennessee and northern Alabama. In 1985, Tim and his family relocated to the LaFollette area of east Tennessee where, in 1987, he formed an engineering company from the roots of which survives today.

Tim is a member of numerous professional societies, a life member of the University of Kentucky Alumni Association and currently a board member of the Tennessee Mining Association.

He and his wife, Kimberly, have three adult children.