

WEST VIRGINIA COAL MINING INSTITUTE

A Short History



1908-2019

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By Bill Reid

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WEST VIRGINIA COAL MINING INSTITUTE

This book is dedicated to Royce J. Watts and to the memory of his late wife, Caroline, for their extraordinary service to the Organization and to the Members of the West Virginia Coal Mining Institute



WEST VIRGINIA COAL MINING INSTITUTE



Royce and Caroline Watts



WEST VIRGINIA COAL MINING INSTITUTE

Foreword



Bill Reid

It was a cold November day in the winter of 1973, that was the first time that I attended a Meeting of the **West Virginia Coal Mining Institute**. I clearly remember the President of Huwood-Irwin Co., Gray F. Sensenich, my boss, raising his eyebrows at the cost when I said I was going to *The Greenbrier* in White Sulphur Springs, West Virginia until he heard that I was staying elsewhere nearby! The President of the Institute that year was L.N. Thomas, Jr. and the Secretary-Treasurer was Jay Hilary Kelley. I never regretted the decision to make the long car journey from Irwin, Pennsylvania for what was to become the first of many visits to the **West Virginia Coal Mining Institute**.

That first meeting was quite an experience for that young man, both in the high quality of the technical presentations and to visit the beautiful *Greenbrier* for the first time with its stately architecture, scenic beauty and rich history. The list of celebrities, personalities, and dignitaries, who have visited *The Greenbrier* looks like a Who's Who.

The list of past Presidents of the **West Virginia Coal Mining Institute** is certainly a 'Who's Who in Mining' with names like D.L. McElroy, George McCaa, Quin Morton III, Bill Barnard, Charles T. Holland, John B. Long, L.N. Thomas Jr., Tim A. Salvati, and Frank L. Gaddy. More recently this list included W.D. Blackburn, Jr., Phil Longenecker, Jim Corsaro, Tom Cushman, Mike Torre, Mike Miano, Darrel Auch, Jay Reynolds, Moon Mullins, Calvin Kidd and many others as the Institute entered the decades of the new millennium.

Established in 1908, the **West Virginia Coal Mining Institute** is one of the country's oldest professional organizations. Since the early days, the history of coal mining has

shown growth, change, triumph, and challenge, but the original objectives of the founders of the Institute are still valid now. Today, as then, the presentations at the meetings mostly cover the subjects of increasing productivity and providing greater safety, as well as new technology.

We would like to acknowledge those who have made the publication of this small book possible: first, I would like to thank the Board of the **West Virginia Coal Mining Institute** for their decision to entrust us with the job of compiling this short history of this great Institute; thank you too, to Jim Dean and Royce Watts for providing access to the materials in the archives and for their encouragement; and grateful thanks to my long-time assistant, Heather M. Turner, for working countless hours in laying out all the pages and checking everything.

This is an organization that we are most proud to be a part. It is certainly an honor to be a member of the **West Virginia Coal Mining Institute** and an enormous privilege to have the double opportunity of serving both this Institute and our great American coal mining industry. As it has done in the past, there is no doubt that the Institute will continue to play a major role in the coal industry of the future.

Bill Reid
Editor

December 15, 2018



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Reflections



James M. Dean

I am very pleased to be a part of providing this ‘**Short History of the West Virginia Coal Mining Institute**’. It is most important that a record of this kind is kept of the long and colorful history of our Institute that can be referred to by future generations.

My first interactions with the Institute began as a graduate student in the Mining Engineering Department of WVU in the late 1980s. As a student, I was impressed by the number of excellent, detailed technical and forward-looking presentations given by leaders in the industry. I also remember being honored as well as anxious when asked to present as a student at a technical meeting on a topic that I was working on with my graduate advisor - Larry Grayson. Since then, I have learned a great deal from the various topics presented at the many Institute meetings that I have attended, as well as formed many positive and long-lasting professional relationships.

Our organization remains highly committed to providing sound professional development opportunities for the membership with a special emphasis for students to attend and network with industry professionals. This has been the case since my first involvement with **West Virginia Coal Mining Institute** as a student, member, President and now Secretary. This guiding principle has served the Institute well in the past and I believe will serve it well in the future.

I would like to pay tribute to an individual, who has been the face of the Institute since 1982, my friend, Royce Watts, and wish to thank Royce and his late wife Caroline for their many years of service to the Institute and the coal mining industry in general. In this ever-advancing world of change, Royce was a constant and spent many, many hours on behalf of the organization doing a great deal of work for the Insti-

tute and its members. I have been honored to be responsible for the duties that Royce performed for the Institute since the Fall of 2017, and he is sorely missed. We all wish him well!

During calendar year 2018, the Institute held two joint meetings combined with the associated **West Virginia Coal Hall of Fame** programs. The Spring Meeting was held jointly with SME, Central Appalachian Section and the West Virginia Coal Association. The Fall Meeting was held jointly with the West Virginia Coal Association.

In looking towards the future, the Board of the **West Virginia Coal Mining Institute** has made a conscious decision to focus on providing professional development opportunities for working professionals in a more compressed timeframe than in the past. To better serve the industry, there will therefore be one meeting each year. It is currently Institute policy to waive any registration costs for mining engineering students to attend the meetings. We are joined in this effort by our many Program Sponsors whose contributions help the Institute extend this opportunity to young professionals readying themselves to enter the industry – our collective future. Thank you for supporting our great Institute!

James M. Dean
Secretary-Treasurer 2017-18
President 2014
December 12, 2018



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Perspectives



Joseph W. Leonard, III

A review of the **West Virginia Coal Mining Institute** Proceedings in my home library reminded me of an earlier age in mining. The volumes are black with lettering in gold and impeccably prepared. I am also reminded that the contents were either hand written or dictated to a steno.

Dean Charles T. Holland seemed to be the forever editor of these books. These were real world books, with coal miners talking to coal miners about how to mine coal. The writers could take the most complex phenomena and present it in an understandable manner. These articles were preparing the industry for a quantum jump in safety, mechanization, strata control and preparation. Manufacturers were learning how to build better equipment and the miners were learning how to better use their equipment.

Organizers knew that the real inside info was often exchanged outside the technical sessions. Fortunately, not much changed over the years. Probably the most significant change in the organization during this period was the discontinuation of the valued Proceedings volumes. This unfortunate development was inevitable because so much time and effort were spent getting the presenters to turn their outlines into papers and at times, the editors were forced to extensively rewrite any hand-scrawled outlines that could be recovered into a publishable paper.

Paging through my Proceedings volumes, I see the passing parade of coal industry greats. There was David H. Davis, who may have been our oldest member, passing on at age ninety-nine. Dave had the misfortune of being President of Consolidation Coal's Mountaineer Division at the time of the Farmington Mine disaster, something he never recovered from. However, this great loss of life and suffering was not

in vain, for it produced historic changes in mine safety laws.

Among these changes was the application of the Spindler Poundstone method for degasifying coal seams. Developed by Dean Ralph Spindler and Bill Poundstone, a graduate student at WVU, and later an executive at CONSOL Energy, the technique demonstrated that water under pressure could be used to drive methane gas from coal seams. The method was presented to this Institute. Thus, factory-like coal mining using longwall mining systems was brought to its fullest potential and unlimited new opportunities were developed to set record breaking coal production tonnages. The once wasted methane gas was sold commercially, creating an entirely new industry.

I submit that along with the Davy flame safety lamp and mine mechanization, the Spindler-Poundstone method must rank among the greatest achievements in the history of coal mining. This work, like so many other great advances in coal mining, can be found in the **West Virginia Coal Mining Institute** Proceedings.

The Institute has never strayed from its mission of exchanging the hands-on technology of coal mining. It occupies a unique and unchallenged place in both the history and the future of coal mining. Members can muse about the next one-hundred years, and the many advances yet to be made that will originate from and be reported at future Institute meetings.

Joseph W. Leonard III
Secretary-Treasurer 1980-89
April 15, 2008



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West Virginia Coal Industry in 1906



Portal Entrance Laura Mine, Red Star, W.Va. 1906

The considerable discussion leading up to the formation of the West Virginia Coal Mining Institute took place against a background of a growing but challenged coal industry. There is no better reference to the West Virginia coal mining industry than the *Twenty-Fourth Annual Report COAL MINES in the State of West Virginia, USA For the Year Ending June 30, 1906* written by James W. Paul, Chief Mine Inspector, Charleston, W.Va.

According to the report, coal produced during the fiscal year 1906 was 37,403,474 gross tons, an increase over the previous year of 5,900,445 tons. There were 730 producing mines operated by 373 firms together with the small country mines. The coke manufactured was 3,534,314 net tons, an increase of 795,537 tons over the previous year. Total gross value of product placed on the market as \$38,324,846.77. The total acreage of coal mined within the State was 32,524 acres.

Men Employed

During the year, there were employed at the mines and coke ovens an average of 51,769 persons, an increase of 1,819 over the previous year. Of the total employees 19,132 were pick miners; 8,712 machine miners; 2,143 machine operators and helpers; 10,878 inside laborers; 4,373 coke workers; and 6,531 outside mine laborers. The estimate for mine bosses, superintendents, store managers and clerks employed at the mines was 2,000, making the total employees directly

connected with the operation of the mines 53,769.

Machine Mined Coal

The quantity of coal mined by the use of machines was 13,333,602 tons, which is 36% of the total coal production of the State and 3,017,821 tons in excess of the machine coal during 1905. There were 1,267 machines in use at 301 mines and furnished employment to 10,855 persons. The numbers of electrical mining machines were:

Jeffrey 383
Morgan-Gardner 301
Goodman's Link-Belt 49
Sullivan 20

The numbers of compressed air machines were:

Harrison 300
Ingersoll-Sergeant 137
Sullivan 62
Jeffrey 12
Goodman's Link-Belt 3

Accidents

During the year, there were 268 lives lost by accident in the State, of which 250 were inside and 18 outside of the mines. Of the 250 inside there were 108 killed in 8 accidents. A total of 299 non-fatalities occurred at the mines, of which 270 were inside and 29 outside of the mines. The causes and lives lost inside were:



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Boy Shovels Loose Coal at Laura Mine, Red Star, W.Va.

Explosions, all forms 113 (45%)
Falls of roof 99 (40%)
Mine cars 16 (6%)
Other causes 22 (9%)
Total 250

At those mines where fatal accidents occurred, there was an average of one life lost for each 49,011 tons of coal produced.

Inspections Made

During the year, the district inspectors made 1,429 regular inspections of the mines within the State and submitted 1,429 written reports of inspections made. Inspectors made 140 visits to investigate fatal accidents and to ascertain if their instructions had been complied with. Owing to the large number of mines in each district, the inspectors have been unable to comply with the statutes in making four regular inspections of each mine during the year.

Wages and Prices

The average price received by pick miners per gross ton of run-of-mine coal was 48 cents compared with 47 cents the previous year. Each pick miner averaged a production of 1,249 tons during the year. The average yearly wages received per pick miner was \$599.37, an increase over the previous year of \$91.36. Machine miners were paid \$2.17 per day.

The average selling price of all coal shipped was 99 cents per gross ton of run-of-mine, an increase of 2 cents per ton over the price the previous year. Coke at the ovens sold on average for the year at \$1.94 per ton of 2,000 lbs., an increase of 19 cents over the previous year.

Transportation

Coal operators reported having shipped from the mines 35,081,470 net tons of coal. For calendar year 1905 the tonnage of coal and coke floated down the Great Kanawha River amounted to: coal 1,460,680 net tons and coke 750 tons, which does not include the tonnage of fuel consumed by water craft and local river trade.

Improvements and Consolidation

Many improvements were made and much new construction took place during the year. These included 52 new coal plants, 47 power plants, 1,904 coke ovens, 38 mine fans, 3 furnaces, 28 tipples, and 22 additional openings at old mines. There was also consolidation in the industry with an important one being the bringing together of a large number of New River mines under the management control of The New River Company. There were 37 companies each producing over 200,000 gross tons of coal and the largest companies were:



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West Virginia Coal Industry (continued)



Trapper Boy, Aged 15, Earned 75 Cents a Day

Fairmont Coal Co. 4,181,708 tons
The New River Co. 1,800,422 tons
Davis Coal & Coke Co. 1,752,412 tons
Pocahontas Consolidated Co. 1,339,549 tons

General Comments

There were no strikes of importance during the year. In all, there were 39 mines in the State where there was a suspension of work by employees, including 3,362 persons. The greater number of men were idle in Fayette and Kanawha Counties by reason of a cessation of work pending the adoption of a wage agreement.

The report says that the coal industry of the State had developed so rapidly in recent years that the legislative appears to have not fully realized the importance of legislation to meet the ever-increasing needs for the protection of life, health and property.

West Virginia was the third largest coal producing State in 1906 with first being Pennsylvania, Bituminous 119,361,514 tons, Pennsylvania Anthracite 78,647,020 tons; second Illinois 38,434,363 tons; and third West Virginia 37,859,995 tons. Total for the United States was 395,204,520 tons.

This then was the background which led up to the discussion on the formation of the West Virginia Coal Mining Institute. The West Virginia coal industry was growing rapidly at annual rate of 15-18% but accidents

and fatalities were also on the increase and the industry very much needed an organization where mining folk could come together to share their experiences and obtain further education in their task of increasing productivity and providing greater safety.



WEST VIRGINIA COAL MINING INSTITUTE

The Early Years 1908-1958



J.B. Hanford, President 1908-10

Throughout the years 1907 and 1908, a number of mining men, including J.B. Hanford, Frank Haas, Lee I. Malone, Neil Robinson, Lee Ott, F.H. Palmer, James E. Jones and E.B. Day, got together with the idea of forming the **West Virginia Coal Mining Institute**.

On December 6, 1907, a massive underground explosion occurred in the 6 and 8 mines of Consolidation Coal Company at Monongah, W.Va. with a staggering loss of 362 men, who perished in the largest industrial accident ever suffered in the United States. Many of these men were accompanied by their young sons and other family members who helped mine and transport the coal. Something had to be done, and a large number of coal operators as well as others connected with the coal industry were contacted and invited to join the new Institute.

1908 The First Year

On June 29-30, 1908, the very first meeting of the **West Virginia Coal Mining Institute** took place in Clarksburg, West Virginia. A Constitution was drawn up (see page 30), which still stands today except for the dues, and an election of Officers took place. The initiation fee was \$2.00 and dues \$2.00 per year, payable in advance. The Institute was organized “to advance the coal industry within the State of West Virginia, to encourage education in practical and scientific mining, to promote study and research into mining

problems, and to benefit our mutual interests.”

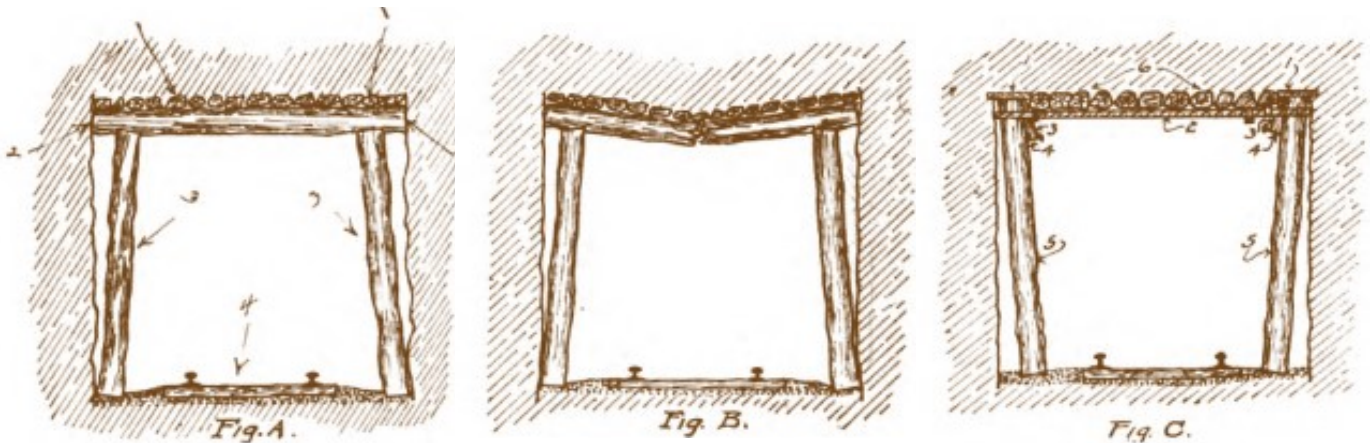
Article II of the Constitution said “The following classes of persons shall be eligible for membership of the institute: Any citizen of the United States who is either a Coal Operator, Manager, Superintendent or Engineer, or any other person practically connected with mining.” Two regular meetings of the Institute shall be held each year. The Secretary-Treasurer was required to produce Proceedings of the meetings and get them to members. It was announced that there were 194 members of the new **West Virginia Coal Mining Institute**. The first group of Officers were nominated and elected comprising:

- J.B. Hanford, President
- Frank Haas, First Vice President
- Neil Robinson, Second Vice President
- Lee Ott, Third Vice President
- F.H. Palmer, Fourth Vice President
- James E. Jones, Fifth Vice President
- E.B. Day, Secretary-Treasurer

President J.B. Hanford from Morgantown was General Superintendent, Elkins Coal & Coke Co. Secretary Treasurer E.B. Day from Pittsburgh was Vice-President, Coal Publishing Co. An Executive Board was elected comprising the President, Vice-Presidents, and Secretary-Treasurer plus John Francis Healy, Joseph Virgin, John G. Ross and D. Howard. A number of Honorary Members were nominated and elected



The Early Years (continued)



Timber Roof Supports

comprising:

- Hon. W.O. Dawson, Governor of West Virginia
- Hon. G.W. Atkinson, Judge of the United States Court of Claims, Washington, D.C.
- Hon. William A. McCorkle, Charleston, W. Va.
- Hon. A.G. White, Charleston, W. Va.
- Hon. A.B. Fleming, Fairmont, W. Va.

The following addresses contained in the Proceeding's 164 pages were given over two days:

- Ex-Governor Geo. W. Atkinson, "An Address"
- I.C. White, S. G., "The West Virginia Coal Beds"
- J.W. Paul, Chief Department of Mines, "Institutes and What They May Accomplish"
- E.W. Parker, Statistician U.S.G.S., "Notes on the Present condition of the Coal Industry"
- Fred C. Keighly, "Deep Mining and Some of Its Problems"
- H.H. Stoek, Editor Mines and Minerals, "The Benefits to be Derived from Technical Writing and Speaking, with Some Practical Suggestions"
- Joseph Virgin, "Accidents by Coal Dust and Methods for Their Elimination"

The second meeting of the year of the **West Virginia Coal Mining Institute** was held in Charleston, W. Va. on December 1-2, 1908. It was announced that there were 30 additional members since the previous meeting in Clarksburg.

The following addresses were given:

- Herman. V. Hesse, "Mining Methods for Maximum Recovery of Coal"
- C.E. Scott, "The Testing of Miners' Oil"
- Joseph Virgin, "Origin of Coal Mine Explosions"
- Neil Robinson, "The Isolation of Certain Mine Areas"
- Fred Keighly, "Something New in the Way of Mine Roof Supports"
- C.J. Dickinson, "Remarks on the Use of Calcium Chloride in the Mines"
- F.H. Palmer, "Development of the Virgin Coal Field"
- W.B. Spellmire, "Use of Electricity as Applied to Coal Mining"

1909 The Second Year

The year 1909 brought about the second year in the history of the **West Virginia Coal Mining Institute**. The first of two meetings in the year was held at Elkins, W. Va. on June 1-2, 1909. The existing Officers and Executive Board were reelected in their entirety. The number of members of the Institute at the end of the year was 378, representing an increase of 95% compared with that in 1908. Senator Davis extended an invitation to members of the Institute to visit the coal mines and coking plant of the Davis Colliery Company and a special train left Union Station to take them to Coalton Mines, W. Va. Ten presentations were delivered at the meeting.

The second meeting of the year was held in Hun-



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Taking Down the Top Coal

tingdon, W.Va. on December 7-9, 1909. A highlight of both meetings was an address by President J.B. Hanford, the man widely regarded as one of the main forces behind the founding of the Institute. In his address Hanford said, "It is only a year since this Institute was organized at Clarksburg, W.Va. by a mere handful of men: but now we are numbered by the hundreds, and I predict that, at the present rate of increase in membership, it will only be a matter of a very few years until all those interested in coal mining in the State will be enrolled as members, to say nothing of those other States who are becoming affiliated with us as fast as they can avail themselves of the opportunity."

Hanford referred to the depression and the hardships caused to the miners and laborers but from present appearances, he said that the gloom of the past is slowly but surely being dispelled. The productions from mines and farms have become increasingly profitable due in part to a rapidly growing demand.

Discussing the welfare of the miners, Hanford asked those present if they did their duty in the spirit of the law or do they not at times make superficial examinations of the working places, which may be said to comply with the letter of the law, but not with the spirit? At times, he said that he thought that insufficient care is taken in the examination of working places, and that this, in a very large measure, is responsible for many of the accidents which occur in our mines. It is not sufficient to walk through the roadways, airways,

and working places in the mines, only stopping to investigate where your attention has been called to some particular thing that is wrong.

Mine foremen, assistant foremen, etc., should be constantly on the alert for any infraction of the laws or rules from day to day. Hanford said that mine foremen and their assistants should be provided with a daily report book stating dangers encountered and steps to remove them. He referred to the State Mining Department with their efficient and practical past and present chiefs, as well as very able mine inspectors. In the testing station in Pittsburgh, Pa., the government has at last done more for us than in years with Dr. Holmes, expert in charge.

Hanford spoke at length on the need for better education. The individual knowledge of every man employed in a coal mine is directly responsible for the lives and safety of men similarly employed. Education must take a practical shape before results can be reached. A course in coal mining has been suggested for the State University in order that the miners should receive theoretical and practical instruction, and be fitted to protect the lives of their fellow men. "The wrong is so deep that it reaches the very foundations of our education system," said Hanford.

1910 The Third Year

The Summer Meeting of the **West Virginia Coal Mining Institute** was held in Bluefield, W.Va. on



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The Early Years (continued)



Frank Haas, President 1911-12

June 7-9, 1910. President Hanford continued to take the chair and welcomed the large number of attendees to the meeting. A motion was passed that the Institute would recommend to William H. Taft, President of the United States, that Dr. Joseph A. Holmes, Chief of the Technologic branch of the United States Geologic Survey, be appointed to the position of Director of the newly formed Bureau of Mines. At the meeting, there were 21 interesting addresses presented to the membership over three days.

The Winter Meeting of the **West Virginia Coal Mining Institute** was held at the *Carrol Club*, Wheeling, W.Va., on December 6-8, 1910. President J.B. Hanford welcomed the attendees. Hanford said that he had served as president for three years and he had always felt that there were a great many members who were better fitted and more competent to serve in this capacity than he was, and consequently will not be a candidate for re-election.

E.B. Day, Secretary-Treasurer, reported that the Institute has had a steady increase in membership, especially among mine superintendents and foremen, the class of mining men at which the educational features of the organization were especially directed. At the Huntingdon meeting a year ago, 136 new members were taken in. At the Bluefield meeting, 74 were admitted, while prior to this meeting 17 applicants have been admitted to membership and several applications have been received within the last day or two, which

will bring it to nearly 500 members.

The following Officers were elected:

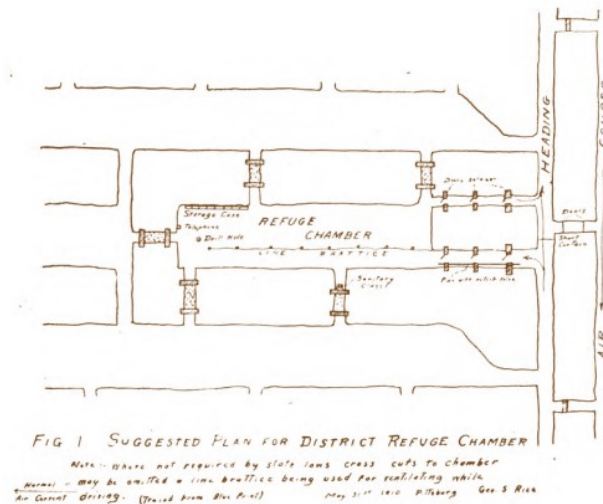
Frank Haas, President
Neil Robinson, First Vice President
Joseph Virgin, Second Vice President
P.A. Grady, Third Vice President
George T. Watson, Fourth Vice President
J.C. McKinley, Fifth Vice President
E.B. Day, Secretary-Treasurer
Executive Board, J.F. Healy, Daniel Howard, R.S. Ord, Charles Conner, J.B. Hanford, Ex-Officio

Frank Hass from Fairmont was Consulting Engineer, Consolidation Coal Company, Fairmont, W.Va. The Institute report on "Standardization of Electrical Equipment in Coal Mines" was adopted and submitted to the American Mining Congress. There were thirteen interesting papers presented and for the first time, the Proceedings contained an Advertising Section with a Classified Index to help defray the cost of printing and mailing.

Stenographers were present at the meetings to take down complete notes so that the discussions and transactions of the meetings were properly recorded. It was considered that the discussions that resulted were just as important as the papers which were presented. The 1910 Proceedings contained a total number of 518 pages. On the Thursday morning, a visit was made to the plants of the United States Coal & Coke company at



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Suggested Plan for District Refuge Chamber

Gary, W.Va. The next meeting was announced to take place at White Sulphur Springs, W.Va.

1919

In 1919, on December 2, the 24th Semi-Annual Meeting took place on the Institute's eleventh year. The meeting was held at the *Frederick Hotel*, Huntingdon, W.Va. with about 100 being present. There was some concern that the strike, which took place at the time, would make the meeting a failure but although mine managers were generally absent, on the other hand, the engineers attended in great number. President Josiah Keeley was not present and the gavel fell to J.R. Cameron, a vice president.

It was an interesting meeting with good papers. The first address was "The Care of Storage Battery Locomotive" followed by "Elimination of Mine Pumps". The afternoon session began with "The Large Versus the Small Mine as a Standard of Operation". The machine from the Lake Shore Engine Works loads three times as much per shift as a human loader will put on the cars. The maximum tonnage mined in an entry in any one day has been 225 tons. Next was "The Coal Camp Sunday School" followed by "Standardization of Mine Machinery". The American Mining Congress had recommended a 24" track gauge for metal mines and 36" and 48" for coal mines. Everyone desired to see an ending of the present chaotic condition in which gauges varied by only half inch differentials.

The next paper was "Recovery of Coal". The chief inspector of the State of West Virginia in his discussion urged that the upper unmined seams of West Virginia should be protected from the harm done by the excavation of lower seams of greater thickness. Mr. Haas said he did not believe that longwall had received a fair chance of the mining men of this country. He felt it did offer distinct advantages and it took 10 years to properly test out any mining system. The Consolidation Coal Company had spent hundreds of thousands of dollars trying out longwall and regarded its efforts as failures, nevertheless, he believed the plan had merits and should find its way into West Virginia.

The meeting decided that future dues should be \$5 a year. The elected officers for the coming year included: J.R. Cameron, President, and R.E. Sherwood, Secretary Treasurer.

1924

In 1924, on November 24-25, the Thirty-Second Semi Annual Meeting of the **West Virginia Coal Mining Institute** was held at the *Hotel Morgan*, Morgantown, W.Va. with 177 persons present. R. M. Lambie, President, in the chair. called attention to the steady and persistent growth of the Institute during the past few years and complimented the membership on the valuable work it is doing in bringing the mining men of the state together to study new and better methods of mining. The first paper was "The Smokeless



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The Early Years (continued)

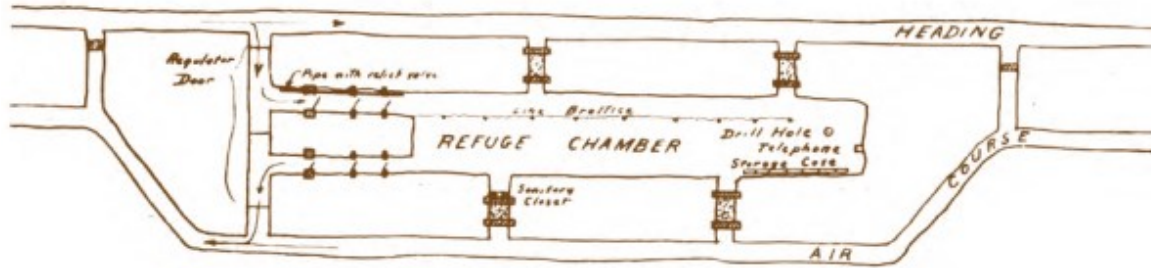


FIG 2 ALTERNATIVE PLAN FOR DISTRICT REFUGE CHAMBER

Normal Ventilating Current → Driven at time that headings are driven
(Traced from Blue Print) May 31, 1910 Pittsburg Geo S Rice

Alternative Plan for District Refuge Chamber

Coals of West Virginia” and the next paper was “Preparation of Commercial Coals” followed by “Flame Proof Motor as a Safety Measure”.

The first afternoon paper was “General Use of Gunite in Coal Mining”. This was followed by “Recent Developments in Shooting Coal”. The last paper was “Recent Observations of New Methods of Mining”. The Officers elected for the coming year included R.M. Lambie, President, and R. B. Sherwood, Secretary Treasurer. In the evening, the Banquet was held in the banquet hall of the *Hotel Morgan*. The principal speech of the evening was “The Present Status of Rock Dusting in the United States”.

The following day, 65 members left Morgantown on the train on the Monongahala Railroad for Nema-colin, Pennsylvania to inspect the Nema-colin Mine and town of the Buckeye Coal Company. This was one of the first mining towns that had been planned by architects. A miner’s house, the modern schoolhouse, the theatre, the mine workshop, the tippie capable of handling 10,000 tons of coal in eight hours, were all inspected.

The men were lowered and raised by a double deck electrically operated elevator. The coal shaft had two balanced skips, 15 tons capacity each, capable of hoisting 1,500 tons per hour. The shaft bottom was concrete lined, and the party were served lunch underground. The Nema-colin Mine was one of the largest and most

well-equipped mines in the country. All members of the party were impressed by the way safety was emphasized by the company.

1930

In 1930, the Twenty-Third Annual Meeting of the Institute was held December 2-3 at the *Prichard Hotel*, Huntington, W.Va. with E.L. Griffiths, President, in the chair. The Secretary-Treasurer was Charles E. Lawall. After an Address of Welcome by the Mayor of Huntington, some very interesting papers were read. The first was “Will Natural Gas Dethrone Old King Coal?” Much emphasis had been directed in recent years to the development of competition between coal and natural gas and the paper pointed out the economic position of these fuels, and showed that ever-changing demands due to new inventions and processes present new problems to the coal producer.

The next presentation was “Coal Mine Ventilation” followed by “Cost of Coal Preparation”. It was becoming a matter no longer of choice, but of necessity, for coal operators to prepare and clean their coal. Air, water, and various types of machines are used in the cleaning process. The paper dealt with the capacity and operating costs for different coal preparation processes.

Another paper described: “Job Training as Applied to Coal Mining”. One of the commendable enterprises of the coal industry in recent years was the progress



WEST VIRGINIA COAL MINING INSTITUTE



Mine Workers in Gary, W.Va.

made in the reduction of personal injuries among the mine employees. Job training and other forms of educational work among coal miners has been an important factor in accident prevention work, and this paper discussed what could be done to increase safety and operating efficiency among miners by teaching them the practical side of mining, safety and efficiency. The last paper was "Trends and Practices, Coal Mine Electrical Equipment and Methods". The extended use of electrical power in coal mines demanded that mine owners and operators give this subject more attention than they had in the past, and the paper pointed out methods of securing maximum economy by using properly this form of power.

On December 3, following the Banquet the evening before, members left *Pritchard Hotel* for an inspection trip of the plant of International Nickel Company.

After lunch at the hotel, members left for a tour of the Chesapeake & Ohio Railroad Shops and the West Virginia Rail Company's plant accompanied by representatives from the Huntington Chamber of Commerce.

Foreshadowing the Future

During its first half century of existence, the **West Virginia Coal Mining Institute** firmly established its presence and its important role in serving the coal industry by bringing together coal operators, managers, superintendents engineers, manufacturers, consultants and academia. The tradition of two meetings each year was to continue for over 100 years and the Secretary-Treasurer's important role in compiling the Proceedings of the Institute was to take place for nearly as long.



Recent Years 1941-2018



Photo Courtesy of Komatsu Mining Corp.

**Joy 14CM Continuous Miner with Total Machine Power
805 HP in 58" Coal Seam in 2016**

As coal mining spread throughout the United States, a number of mining institutes had sprung up across the country. These included with the year of being founded the following:

- Coal Mining Institute of America 1887
- West Virginia Coal Mining Institute** 1908
- Virginia Mining Institute 1967
- Kentucky Mining Institute 1940
- Illinois Mining Institute 1892
- Indiana Mining Institute 1976
- Rocky Mining Coal Mining Institute 1912

Over many years, the **West Virginia Coal Mining Institute** had established an excellent reputation not only in West Virginia but also throughout all the coal-fields of America. To comply with the latest legislation, on June 16, 1993, an organizational meeting of the **West Virginia Coal Mining Institute, Inc.**, a West Virginia corporation, was held. Present were:

- T. Arthur Palm, Chairman
- Michael P. Miano
- Darrel D. Auch
- James F. Reynolds
- Richard N. Gaskins

T. Arthur Palm was Chairman and Darrel D. Auch was Secretary for this meeting. The Chairman presented to the meeting the Certificate of Incorporation of the Corporation issued by the Secretary of State, together with the Articles of Incorporation, which were re-

viewed and unanimously approved. The Bylaws (see page 34) were also approved and adopted. Tax exempt status was applied for and obtained for the Corporation to operate on a not-for-profit basis. The following officers were nominated and elected for the new corporation:

- G.J. Hatfield, President
- Barry D. Dangerfield, Vice President
- R.C. Mullins, Vice President
- R. Drexel Short, Vice President
- Richard Begley, Vice President
- Calvin Kidd, Vice President
- R. Larry Grayson, Secretary Treasurer

Meeting Locations

A long association began between the **West Virginia Coal Mining Institute** and *The Greenbrier* in White Sulphur Springs, W.Va. when the Institute selected *The Greenbrier* for its Summer meeting held in June, 1911.

“Our previous meetings have all been held at some of our various mining coal fields and I am glad to say that this is no longer considered essential,” said Frank Haas, 1911 President of the Institute, in his Presidential Address. “Let it be known that the members of our Institute can and do appreciate other things in this life than simply coal mines, and this meeting will show that wits will work just as readily in the pure fresh air of the mountains as in the none too pure atmosphere of



WEST VIRGINIA COAL MINING INSTITUTE



Photo Courtesy of Caterpillar Inc.

Caterpillar High Capacity Shearer Longwall System in 64" Seam

our mines,” he said.

From that time onwards the Fall Meetings, usually held in October, were scheduled at the beautiful *Greenbrier*. The Spring Meetings, usually in May, were held in a number of different places, for example: *Fincastle Country Club*, Bluefield, W.Va.; *Mont Chateau Lodge*, Morgantown, W.Va.; *Pipestem State Park*, Pipestem, W.Va.; and *Clarksburg Sheraton*, Clarksburg, W.Va. More recently, the Spring Meetings have rotated between *Embassy Suites Hotel*, Charleston, W.Va.; *Stonewall Jackson Lake State Park*, Roanoke, W.Va.; and *The Resort* at Glade Springs, Daniels, W.Va.

Since the 1970’s, the Fall Meeting has been a joint meeting with the Central Appalachian Section of SME, and since 1995, the Spring Meeting has been a Joint Meeting with the West Virginia Coal Association. In 2005, the Spring Meeting was a Joint Meeting of all three of these organizations and since that time, Joint Meetings of that kind have often been held. This has been due to the reduced number of members at all three organizations and the need to continue to provide high quality papers for the education of the membership.

Sadly, the decision has been made to move away from *The Greenbrier*. It was felt that the high cost was preventing some members from coming as well as limiting the number of mining engineering students that could attend. To reflect the changing coal industry, it has also been decided that beginning in 2019, there

will be a single General Meeting of the Institute held each year, which will include the **West Virginia Coal Hall of Fame Banquet**. The Board of Directors felt that this was the best way to preserve the historical independence and long tradition of the **West Virginia Coal Mining Institute**. The venue selected for these General Meetings is *Embassy Suites*, Charleston, W.Va.

Technical Presentations

The standard of technical presentations, ever since the **West Virginia Coal Mining Institute** was first founded, has always been extremely high with experts in their particular fields being selected to speak and speakers as well as topics not being limited to those applicable only to West Virginia. The subjects of papers begun in the first few years has continued throughout time with an emphasis on the mining engineers’ principal tasks, that of increasing productivity and providing greater safety. As technology has changed, so have the subjects of papers presented.

In 1941, on October 16-17, the Thirty-Fifth Annual Meeting of the Institute took place in the *Auditorium of the Mineral Industries Building* of West Virginia University in Morgantown, W.Va., when members of the Institute joined with various other groups in the program of the dedication of the new building. That evening, the dinner speaker was Eugene McAuliffe, President, Union Pacific Coal Company. All coal mining students in the School of Mines at WVU were



WEST VIRGINIA COAL MINING INSTITUTE

Recent Years (continued)



Photo Courtesy of Komatsu Mining Corp.

**Joy 10SC32 Shuttle Car with Optidrive AC Variable Frequency Drive System
Rated Load Capacity 12 Tons**

guests of the Institute.

World War II was in full swing and the theme of that meeting was “Win with Bituminous Coal”. With T.E. Johnson, President, presiding, the presentations included: “Manpower” by Brig. General Frank J. Sherry, Director of Operations, War Manpower Commission; “Conservation of Rubber for Industrial Use” with film, by E.H. Anderson, Representative, Goodyear Tire & Rubber Company; and “Twin Giants - Coal and Railroad,” by Robert S. Henry, Assistant to the President, Association of American Railroads.

In 1951, on November 9-10, The Fall Meeting of the Institute took place at *The Summit Hotel*, Uniontown, Pa. with C.R. Bourland as President. This was designed to attract visitors from Pennsylvania to the meeting. A Continuous Miner Machine Symposium was included in the Technical Session comprising: “The Colmol in the Sewickley Seam” by Frank R. Zachar, General Superintendent, Christopher Coal Company; and “Continuous Miners in Pillar Extraction in the Pittsburgh Seam” by H.A. Quenon, Division Manager, Eastern Gas and Fuel Associates. Other subjects at the meeting were “European Coal Preparation Practices” and “Dust Control in Mining.”

One could often tell the state of the coal industry at the time by the themes selected for the Institute meetings. At the 1974 Spring Meeting the theme was “Reversing the Trend” and in 1978 the theme was “Problems – People and Industry”. For the 1983 Fall

Meeting, the theme was “Change for the Better”. The following year, for both Spring and Fall Meetings, the theme was “Upturn 84”. In the early years, the reading of a paper could take a full hour with 30 minutes being allocated for discussion. In more recent times, a half hour is allotted to both the presentation and the discussion.

As technology changed so did the subjects of papers. One can tell that a lot was happening in the coal industry around 1974, with papers being presented like “Engineering Considerations in Opening New Mines”, “Financing New Coal Mine Ventures”, “Geological Considerations in Opening New Mines”, “Coal Reserve Data Retrieval from Bore Hole Logs”, and “Safety and Training at New Coal Mines”.

The Institute always kept up to date with new mining systems with papers with subjects for example: “Longwall/Shortwall Mining – Comparisons and Contrasts” and addresses were presented on a regular basis on “Use of Computers in Mining,” “Noise Reduction”, “Surface Mining and the Environment”, “Coal mining Equipment Innovations”, “Litigation of Sales Contracts”, “Labor Relations”, “Roof Control Warning Devices”, and “Safety and Training”.

In all the years that the Institute has been in existence, the founders would find some of today’s presentations to be nothing short of mind-boggling. No one could have forecast that technology would advance to



WEST VIRGINIA COAL MINING INSTITUTE



Royce J. Watts

the extent that papers would be presented on such topics as “Computer Simulation of Mine Production”, “Mine-Wide Atmospheric Monitoring”, “Microseismic Monitoring of a Room and Pillar Coal Mine”, “Flooded Bed Dust Scrubbers”, “Real-Time Continuous Personal Dust Monitors”, “Proximity Protection”, “Dust Explosivity Meter”, “Recovery of Rare Earths”, and “Asteroid Prospecting”!

Royce J. Watts

No history of the **West Virginia Coal Mining Institute** would be complete without mention of the contribution made by Royce J. Watts and his late wife, Caroline. Royce carried out acting Secretary-Treasurer duties since 1980, becoming Secretary-Treasurer in 1995 (see page 27) and for 38 years, his contribution to the Institute has been immeasurable. Each year, he took over the role of Master of Ceremonies of the West Virginia Coal Hall of Fame, and was fittingly inducted into the Hall of Fame in 2008 (see page 41) which marked the 100-Year Anniversary Celebration of the Institute.

Watts earned both his BS and MS degrees from WVU joining the faculty as an instructor in 1955. For many years, he taught while serving as Associate Dean for Administration in WVU’s Benjamin M. Statler College of Engineering and Mineral Resources. His many awards include being recognized as a Distinguished West Virginian by Governor Cecil Underwood, and receiving the Erskin Ramsey Gold Medal

from A.I.M.E. The same year, he received the Most Loyal Faculty Mountaineer during WVU’s Homecoming celebrations.

In 2005, the **West Virginia Coal Mining Institute** endowed the Mining, Petroleum and Natural Gas Museum and renamed it the Royce J. and Caroline B. Watts Museum “for two individuals who have tirelessly supported its mission for more than two decades” to honor the couple’s contributions to WVU and the State’s mining heritage.

Many readers of this book will remember a warm welcome from Royce at the Registration Desk at meetings and few will forget the raffle tickets handed out by Royce and drawn for prizes by those attending the Saturday morning presentations! Long after everyone had left the venues at the end of meetings, Royce and Caroline could be seen loading up their vehicle with the materials and paperwork left over from that meeting. The contribution by the Watts family will be remembered for a long time and without Royce Watts’ leadership and driving force, the **West Virginia Coal Mining Institute** would not be what is today.

100-Year Celebration

A major event in the history of the Institute took place when the 100-Year Celebration was held at the *Embassy Suites* Charleston, W.Va. on April 24-25, 2008 with Dennis Richards, President, in the chair. The large attendance included: Governor Joe Manchin



WEST VIRGINIA COAL MINING INSTITUTE

Recent Years (continued)

Table with 4 columns: Year, Spring Meeting, Fall Meeting, and President. Lists meeting details from 1997 to 2019.

Recent Institute Meetings Since 1997

III of West Virginia; the late Elliotte ‘Spike’ Maynard, Chief Justice, West Virginia Supreme Court of Appeals; George W. Luxbacher, 2008 SME President; Bill Raney, President of the West Virginia Coal Association; and fifteen past presidents of the Institute. All of them came together to celebrate 100 years of service to the West Virginia coal industry. Complete details of the meeting with presentations are provided beginning on page 71.

Summary

There is no doubt that the West Virginia Coal Mining Institute, comprising both practical and professional mining men and women, has been of very considerable benefit to the mining industry of the State and in other coalfields. Through the excellent presentations, the exchange of ideas, the discussions that developed, in addition to the friendships that have been made and the camaraderie that takes place, the organization has been, and will continue to be in the future, a most valuable contributor to the mining fraternity. It has certainly become an association in which members feel it is an honor to be a part.

Great changes have taken place in the coal industry

since the founding of the West Virginia Coal Mining Institute in 1908. Last year in 2018, coal production in West Virginia was 98 million tons representing 13% of America’s coal production of 755 million tons. Sadly, there were 4 fatal accidents. The important coal industry production of West Virginia keeps the State the second largest coal producer in the nation.

Throughout its many years of existence, it is estimated that well over 3,300 addresses have been presented at meetings of the Institute, and the vast majority of those were given by those considered experts in their particular fields. It is not possible to say how many lives have been saved by the extensive sharing of this vast knowledge, but it can fairly be said that, many accidents have been prevented and countless lives have indeed been saved over more than a century. In addition, valuable work has been done in conserving the natural resources of the State.

As mining engineers continue to strive for increased productivity, in addition to seeking the long sought-after goal of zero accidents and fatalities, there is little doubt that the West Virginia Coal Mining Institute will continue to play a major part in this very noble work.



WEST VIRGINIA COAL MINING INSTITUTE

Officers 1908-2019



WEST VIRGINIA COAL MINING INSTITUTE

Presidents Since 1908

1908-10	J.B. Hanford	1963	Joe L. McQuade	1991	James F. "Jay" Reynolds
1911-12	Frank Hass	1964	Howard Suter	1992	Richard N. Gaskins
1913-14	Neil Robinson	1965	David C. Ridenour	1993	G.I. "Joe" Hatfield
1915-16	George T. Watson	1966	Quin Morton III	1994	Barry D. Dangerfield
1917-18	John Laing	1967	D.H. Davis	1995	R.C. "Moon" Mullins
1919-20	Josiah Keeley	1968	James G. McCurry	1996	H. Drexel Short
1920-22	J.R. Cameron	1969	Peter W. Ferritti	1997	Calvin Kidd
1923-24	J.C. McKinley	1970	W.O. Barnard	1998	Richard D. Begley
1924-25	R.M. Lambie	1971	Charles T. Holland	1999	James N. Magro
1930	E.L. Griffiths	1972	John B. Long	2000	Bradley S. Rushford
1942	T.E. Johnson	1973	L. Newton Thomas, Jr.	2001-02	Larry Evans
1944	D.L. McElroy	1974	Julius Olzer	2003	Robert E. Ellis
1945	Lawrence E. Tierney	1975	Tim A. Salvati	2004	Gregory D. Patterson
1946	Joseph Parsglove Jr.	1976	Charles D. Bowling	2005	Richard T. Allen
1947	R.H. Morris	1977	H.E. Mauck	2006	John T. Higgins
1948	J.J. Foster	1978	Frank L. Gaddy	2007	Frank Dulin
1949	Jesse Redyard	1979	R.C. Long	2008	Dennis Richards
1950	George R. Higinbotham	1980	Wendell H. Boldon	2009	Benjamin R. Hardman
1951	C.R. Bourland	1981	W.D. Blackburn, Jr.	2010	Wayne Thomas
1952	James F. Trotler	1982	Michael J. Hudak	2011	Keith Hainer
1953	Arch I. Alexander	1983	Philip L. Longenecker	2012	Jimmy Brock
1954	Robert H. Quenon	1984	James R. Corsaro	2013	J. Rodney Poland
1955	Roland C. Luther	1985	Lawrence Howe	2014	James Dean
1956-57	C.R. Nailer	1986	Thomas S. Cushman	2015	Cary Harwood
1958	George McCaa	1987	T. Arthur Palm	2016	Douglas Fala
1959	R. Glenn Lazzell	1988	D.C. "Mike" Torre	2017	James (Jay) Johnson
1960	S. Dunlop Brady, Jr.	1989	Michael P. Miano	2018	Ryan Toler
1961-62	Stephen Canonico	1990	Darrel D. Auch	2019	Joe Pugh



WEST VIRGINIA COAL MINING INSTITUTE

Presidents Since 1908



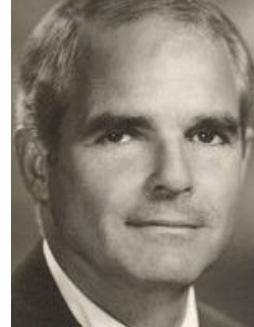
J.B. Hanford
1908-10



Frank Haas
1910-1912



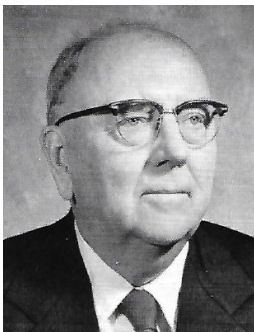
D.L. McElroy
1944



Robert H. Quenon
1954



D.H. Davis
1967



Charles T. Holland
1971



L. Newton Thomas, Jr
1973



Tim A. Salvati
1975



Frank L. Gaddy
1978



W.D. Blackburn, Jr
1981



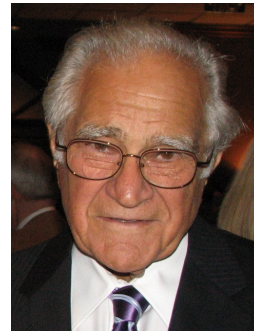
Phillip L. Longenecker
1983



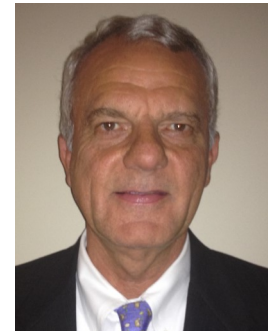
James R. Corsaro
1984



Thomas S. Cushman
1986



D.C. "Mike" Torre
1988



Richard N. Gaskins
1992



G.J. "Joe" Hatfield
1993



Barry D. Dangerfield
1994



R.C. "Moon" Mullins
1995



Calvin Kidd
1997



James N. Magro
1999



WEST VIRGINIA COAL MINING INSTITUTE

Presidents Since 1908



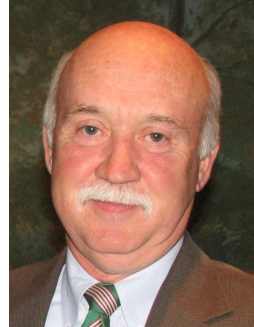
Bradley S. Rushford
2000



Larry Evans
2001-02



Robert E. Ellis
2003



Gregory D. Patterson
2004



Richard T. Allen
2005



John T. Higgins
2006



Frank Dulin
2007



Dennis Richards
2008



Benjamin R. Hardman
2009



Wayne Thomas
2010



Keith Hainer
2011



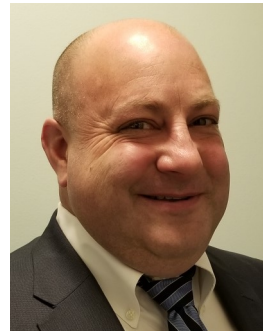
Jimmy Brock
2012



J. Rodney Poland
2013



James M. Dean
2014



Cary Harwood
2015



Douglas Fala
2016



James "Jay" Johnson
2017



Ryan Toler
2018



Joe Pugh
2019



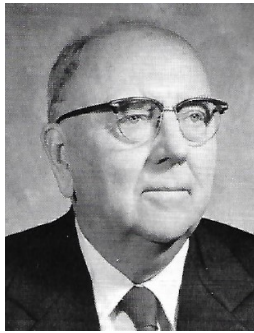
WEST VIRGINIA COAL MINING INSTITUTE

Secretary-Treasurers Since 1908

1908-12	Edward B. Day	1985-86	Joseph W. Leonard III
1912-14	E.N. Zern	1986	John L. Schroder, Jr.
1920-22	R.E. Sherwood	1986	Joseph W. Leonard III
1930	Charles E. Lawall	1987	John L. Schroder, Jr.
1942	D.L. McElroy	1987	Joseph W. Leonard III
1951	G.R. Spindler	1988	John L. Schroder, Jr.
1967-70	Charles T. Holland	1988	Joseph W. Leonard III
1971-72	Joseph D. McClung	1989	John L. Schroder, Jr.
1972-78	Jay Hilary Kelley	1989	Joseph W. Leonard III
1979-80	Quinn Morton III	1990-91	John L. Schroder, Jr.
1980-81	Joseph W. Leonard III	1991-95	R. Larry Grayson
1982-84	George M. Fumich, Jr	1995-2017	Royce J. Watts
1984-85	John L. Schroder, Jr.	2018-19	James M. Dean



D.L. McElroy



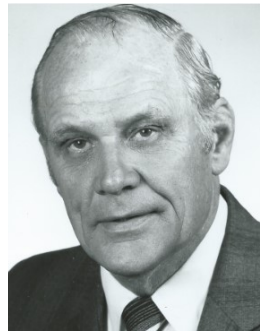
Charles T. Holland



Jay Hillary Kelley



Joseph W. Leonard III



John L. Schroder, Jr.



R. Larry Grayson



Royce Watts



James M. Dean



WEST VIRGINIA COAL MINING INSTITUTE

2019 Officers



Joe Pugh



James M. Dean



Vlad Kecojevic



Rudy "RJ" Matetic



Edwin "Pat" Brady



Thomas Sloan



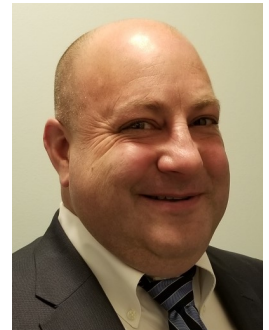
Mark Stowers



Ryan Toler



James "Jay" Johnson



Cary Harwood



Keith Hainer



Jimmy A. Brock



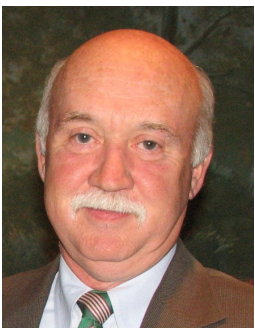
J. Rodney Poland



Douglas "Doug" Fala



Calvin R. Kidd



Gregory D. Patterson



Dennis Richards



Benjamin R. Hardman



WEST VIRGINIA COAL MINING INSTITUTE

CONSTITUTION
THE WEST VIRGINIA COAL MINING INSTITUTE

Recognizing the advantages to be derived from organization and in order to advance the coal mining industry within the State of West Virginia, to encourage education in practical and scientific mining, to promote study and research into mining problems, and to benefit our mutual interests, this institute is organized.

ARTICLE I.

Section 1. This institute shall be known as "THE WEST VIRGINIA COAL MINING INSTITUTE."

Section 2. All officers, hereinafter provided for, shall be elected from the members of the institute.

ARTICLE II.

Section 1. The following classes of persons shall be eligible for membership in the institute: Any citizen of the United States who is either a Coal Operator, Manager, Superintendent or Engineer, or any other person practically connected with mining.

Section 2. Any person desiring to become a member, shall be proposed for membership by three members in good standing, submitted to and acted on by the Executive Board. He shall be proposed upon a blank provided for that purpose, giving the name, residence and occupation of the person so proposed for membership.

Section 3. Initiation fee shall be two dollars (\$2.00), and dues to be two dollars (\$2.00) per year, payable in advance. When an applicant is not acceptable to the Executive Board, his initiation fee shall be returned.

Section 4. Each application for membership shall be accompanied by the initiation fee, and notice of election shall be sent by the



WEST VIRGINIA COAL MINING INSTITUTE

Secretary-Treasurer to every successful applicant within one week after his election. Upon receipt of this notice the applicant shall then forward \$2.00, the amount of annual dues, which will pay his dues for the current year. Upon receipt of these dues, the Secretary-Treasurer shall place his name on membership roll.

Section 5. Each member shall be entitled to receive a copy of the proceedings printed and furnished out of the funds of the institute. Any transactions furnished to others than members will be at a price per copy to be determined from time to time.

Section 6. The business year of the institute shall be from January 1st to December 31, next following, inclusive, and no member shall receive a copy of the proceedings of the institute who shall be in arrears for the dues of the current year on the first of September.

Section 7. Any person who is more than a year in arrears shall, on motion, be suspended.

Section 8. Any person may become an honorary member if proposed by ten active members to the Executive Board. The person so proposed must receive the unanimous vote of the Executive Board and a majority vote of members present at any regular meeting.

ARTICLE III.

Section 1. The officers of this institute shall consist of a President, five Vice-Presidents, Secretary-Treasurer and an Executive Board.

Section 2. All the foregoing officers shall be elected by ballot at the regular December meeting of the institute, and shall hold their offices for the ensuing year.

Section 3. In case of death, resignation or expulsion of any officer, the Executive Board may, if they deem it expedient, fill the vacancy by appointment until the next regular meeting of the institute, when the vacancy shall be regularly filled by election, except that in case of the death, resignation or expulsion of the President, the duties shall devolve upon the Vice-Presidents in their order.

ARTICLE IV.

Section 1. The President shall take the chair at all meetings of the institute, the Executive Board and all committees (he being ex-officio a member of all) shall regulate and keep in order the proceedings.

Section 2. In the absence of the President, it shall be the duty of the Senior Vice-President to preside at the meetings of the institute, to keep order, and to regulate the proceedings. In case of the absence of the Senior Vice-President, the other Vice-Presidents shall act in their order.

Section 3. It shall be the duty of the Secretary-Treasurer to keep



WEST VIRGINIA COAL MINING INSTITUTE

a record of the proceedings of the institute, to keep a list of the members and their addresses, to compile for publication the proceedings of the institute, and to conduct the general correspondence of the institute. He shall send each member a copy of the papers after the same are printed at some time previous to the date of regular meeting.

It shall be the duty of the Secretary-Treasurer to collect and pay out all monies of the institute, and to keep an accurate account of the receipts and disbursements. He shall collect the membership fees, and report to the institute any members who are more than a year in arrears. He shall not disburse any money, unless the order is countersigned by the President.

The Secretary-Treasurer of the institute shall furnish a bond by some reputable indemnity company in such sum as the Executive Board may from time to time require, which shall be made a matter of record, and the premium for such bond shall be paid by the institute. The Secretary-Treasurer shall receive a salary of \$50.00 per year.

Section 4. The Executive Board shall consist of the President, all Vice-Presidents, Secretary-Treasurer and four other members of the institute, regularly elected at the annual meeting. It shall be the duty of the Executive Board to pass on new members, to determine the days on which the meetings shall be held, to prepare the program for such meetings, to contract for the publishing of the proceedings, to approve any and all papers to be read before the institute, and appoint the Auditing Committee and any other sub-committees that may be necessary for the transaction of business.

ARTICLE V.

Section 1. The regular meetings of this institute shall be held on the first Tuesday in June and December of each year, and the places of meeting to be determined by the institute.

Section 2. At any meeting of the Executive Board, seven or more shall constitute a quorum for the transaction of business.

Section 3. Any question, not otherwise provided for, shall be determined by a vote of the majority of the members present.

Section 4. The candidate for any office having a majority of the votes of the members present shall be declared elected.

ARTICLE VI.

Section 1. No alteration of this constitution shall be made unless at a regular meeting of the institute for the transaction of business, and by a vote of two-thirds of the members present.



WEST VIRGINIA COAL MINING INSTITUTE

ARTICLE VII.

Section 1. At all such meetings the following shall be the order of business:

- a. Reading of minutes of the last meeting.
- b. Report of the Executive Board.
- c. Report of Auditing Committee.
- d. Report of all other committees.
- e. Routine business.
- f. Program.
- g. Adjournment.
- h. Parliamentary rules of order to govern.

.....

Chairman.



WEST VIRGINIA COAL MINING INSTITUTE

Bylaws of West Virginia Coal Mining Institute, Inc.

ARTICLE I. OFFICES

The principal office of the corporation shall be located in the City of Morgantown, County of Monongalia, State of West Virginia.

ARTICLE II. PURPOSES

The corporation is organized and at all times hereafter shall be operated for the purposes set forth in the corporation's articles of incorporation to operate on a not-for-profit basis within the meaning of Section 501 (c) (6) of the Internal Revenue Code of 1986, as amended, or as it may hereafter be amended, or any subsequent corresponding Code of federal tax law, and the regulations issued thereunder.

ARTICLE III. MEMBERS

Section 1. Membership. The membership of the corporation shall consist of men and women engaged in the business of coal mining and allied industries, and members of schools and colleges interested in the improvement of the industry.

Section 2. Membership Dues. All members shall pay annual dues to the corporation payable on or before the 31st day of January of each year, in advance. Members failing to pay any dues shall forfeit all privileges of membership in this corporation until reinstatement by the Board. The annual dues of all members shall be fifteen dollars (\$15) or such other amount as may be determined by the Board from time to time.

Section 3. Termination of Membership. Any member may, for cause, be expelled from membership in the corporation upon the affirmative vote of two-thirds of the members present at any annual, regular or special meeting of the members, and such member shall thereafter be ineligible for membership in the corporation until he is reinstated, upon such terms and conditions as the members shall deem appropriate by the affirmative vote of two-thirds of the members present at any annual, regular or special meeting of the members. Any member shall be entitled to reasonable notice of the charges against him and, upon demand, to an appropriate hearing at the annual, regular or special meeting of the members prior to the vote on the question of expulsion.

Section 4. Withdrawal. Any member may withdraw from membership in the corporation by giving written notice of such withdrawal to the Board.

Section 5. Transfer of Membership. Membership in this corporation is not transferable or assignable.

Section 6. Certificates of Membership. The Board may provide for the issuance of Certificates of Membership evidencing membership in the corporation, which shall be in such form as may be determined by the Board.

Section 7. Annual, Regular and Special Meetings. Regular meetings of the members shall be held at such times and places as may be fixed from time to time by the Board. One meeting of the members in each year shall be designated the annual meeting for the purpose of electing an additional Vice President and for the transaction of such other business as may come before the meeting. If the election of the additional Vice President shall not be held at the annual meeting, or at any adjournment thereof, the Board shall cause the election to be held at a special meeting of the members as soon thereafter as is convenient. Notices of the annual meeting and other regular meetings of the members shall be in writing, and shall be mailed to each member not less than five (5) nor more than twenty (20) days prior to the meeting.

Special meetings of the members may be called by the President, the Board or at the request of not less than one-tenth of the members for the transaction of the items of business specified in the notice of the special meeting. Notice of such special meetings shall be mailed to each member not less than five (5) days prior to the meeting. In the event of an emergency situation as determined by the President, the Board or when immediate action by members is necessary, the requirement for written notification may be waived by all members, and the meeting may be called by means of telephone notification to all members.

Section 8. Quorum. One tenth of the members shall constitute a quorum for the transaction of business at any meeting of the members. A meeting at which a quorum is initially present may continue to transact business notwithstanding the withdrawal of members, provided action subsequently taken is approved by at least a majority of the original number of members present establishing the quorum.

Section 9. Manner of Acting: Voting. The act of the majority of the members present at a meeting at which a quorum is present shall be the act of the members. Voting at meetings of members shall be in person by the members. Members shall not be entitled to vote by proxy.

Section 10. Action Without a Meeting. Any action required or permitted to be taken by the members at a meeting may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all of the members.



WEST VIRGINIA COAL MINING INSTITUTE

Bylaws (continued)

Section 11. Presumption of Assent. A member who is present at a meeting of the members at which action on any matter is taken by the members shall be presumed to have assented to the action taken unless his dissent shall be entered in the minutes of the meeting or unless he shall file his written dissent to such action with the person acting as the Secretary of the meeting before the adjournment thereof or shall forward such dissent by registered mail to the Secretary of the corporation within five (5) days after the adjournment of the meeting. Such right to dissent shall not apply to a member who voted in favor of such action.

Section 12. Waiver of Notice. Whenever any notice is required to be given to any member under the provisions of these bylaws or the Articles of Incorporation of the corporation, or by law, a waiver thereof in writing signed by the person or persons entitled to such notice, whether before or after the time stated therein, shall be deemed equivalent to the giving of such notice.

Section 13. Telephone Conference. Members may participate in a meeting of the members or by means of conference telephone or similar communications equipment by means of which all persons participating in the meeting can hear each other at the same time and participation by such means shall constitute presence in person at the meeting.

ARTICLE IV. BOARD OF DIRECTORS

Section 1. General Powers. The business and affairs of the Corporation shall be managed by the Executive Board of Directors (the "Board"), which shall be responsible for the accomplishment of the purposes of the corporation. Consistent with such purposes, the Board may hire such employees as are necessary, shall control the distribution of funds, approve the annual budget submitted by the Secretary, appoint such committees as is consistent with these bylaws, and shall do and perform such other acts as are necessary to carry out the purposes for which the corporation is created.

Section 2. Number, Tenure and Qualifications. The Board shall consist of five (5) members who shall be the five (5) most recent past Presidents of the corporation. Directors shall hold office for a term of five (5) years, or until their successors have been duly elected and qualified.

Section 3. Annual, Regular and Special Meetings. Regular meetings of the Board shall be held each year at such times and places as may be fixed from time to time by the President of the corporation. One such Board meeting each year shall be designated as the annual meeting. Notices of the annual meeting and other regular meetings of the Board shall be in writing, and shall be mailed to each member of the Board not less than five (5) nor more than twenty (20) days prior to the meeting. Special meetings may be called by the President, or at the request of any two (2) members of the Board for the transaction of the items of business specified in the notice of the special meeting. Notice of such special meetings shall be mailed to each member of the Board not less than five (5) days prior to the meeting. In the event of an emergency situation as determined by the President, or when immediate Board action is necessary, the requirement for written notification may be waived by all members of the Board, and the meeting may be called by means of telephone notification to all members of the Board.

Section 4. Quorum. Three (3) directors entitled to vote shall constitute a quorum for the transaction of business at any meeting of the Board. A meeting at which a quorum is initially present may continue to transact business notwithstanding the withdrawal of directors, provided action subsequently taken is approved by at least a majority of the original number of Directors present establishing the quorum.

Section 5. Manner of Acting. The act of the majority of the directors entitled to vote present at a meeting at which a quorum is present shall be the act of the Board.

Section 6. Action Without a Meeting. Any action required or permitted to be taken by the Board at a meeting may be taken without a meeting if a consent in writing, setting forth the action so taken, shall be signed by all of the directors entitled to vote.

Section 7. Vacancies. Any vacancy occurring in the Board by whatever reason, including by reason of an increase in the number of directors, shall be filled without undue delay by a majority vote of the members at the next meeting of the members after the vacancy occurs. A director elected to fill a vacancy shall be elected for the unexpired term of his or her predecessor in office.

Section 8. Removal and Resignation. Any member of the Board may be removed by a majority vote of the members of the Board entitled to vote whenever, in the Board's judgment, the best interests of the corporation shall be served thereby. Any member of the Board may resign at any time by giving written notice of his or her resignation to the President of the corporation. Any such resignation shall take effect at the time specified therein, and the acceptance of such resignation shall not be necessary to make it effective.



WEST VIRGINIA COAL MINING INSTITUTE

Bylaws (continued)

Section 9. Presumption of Assent. A director of the corporation entitled to vote who is present at a meeting of the Board at which action on any corporation matter is taken shall be presumed to have assented to the action taken unless his dissent shall be entered in the minutes of the meeting or unless he shall file his written dissent to such action with the person acting as the Secretary of the meeting before the adjournment thereof or shall forward such dissent by registered mail to the Secretary of the corporation within five (5) days after the adjournment of the meeting. Such right to dissent shall not apply to a director who voted in favor of such action.

Section 10. Waiver of Notice. Whenever any notice is required to be given to any member of the Board under the provisions of these bylaws or the Articles of Incorporation of the corporation, or by law, a waiver thereof in writing signed by the person or persons entitled to such notice, whether before or after the time stated therein, shall be deemed equivalent to the giving of such notice.

Section 11. Telephone Conference. Members of the Board or any committee thereof may participate in a meeting of the Board or such committee by means of conference telephone or similar communications equipment by means of which all persons participating in the meetings can hear each other at the same time and participation by such means shall constitute presence in person at the meeting.

ARTICLE V. OFFICERS

Section 1. Number, Tenure and Qualifications. The officers of the corporation shall be a President, five (5) Vice Presidents, a Secretary-Treasurer, and such other officers as from time to time the Board may determine to be necessary to carry on the work of the corporation. The President shall serve for a one (1) year term and the five (5) Vice Presidents shall each serve for a five (5) year term. There is no restriction on the number of consecutive terms in any office which may be served by an officer.

Section 2. Designation and Election. The Vice President who has completed a five (5) year term as Vice President shall become the President of the corporation. The membership of the corporation shall elect one (1) new fifth Vice President to replace the outgoing Vice President who became President. The Secretary-Treasurer shall be the then current Dean of the College of Mineral and Energy Resources at West Virginia University.

Section 3. President. The President shall be the chief executive officer of the corporation. The President shall in general supervise and control all of the business and affairs of the corporation, subject to the control of the Board. He shall see that the annual election of the fifth Vice President is held in accordance with these bylaws. He shall, when present, preside at all meetings of the Board, and in general shall perform all duties incident to the office of President and such other duties as from time to time may be prescribed by the Board. The President shall be an ex-officio member of any committee of the corporation.

Section 4. Vice Presidents. At the request of the President, or in his or her absence or in the event of vacancy in the office of President, the Vice President having served the longest term as a Vice President shall perform all of the duties of the President, and so acting shall have all of the powers of and be subject to all restrictions upon the President. The Vice Presidents shall perform such other duties as from time to time may be assigned by the President, these bylaws, or the Board.

Section 5. Secretary-Treasurer. The Secretary-Treasurer shall: (a) keep the minutes of the proceedings of the Board in one or more books provided for that purpose; (b) see that all notices are duly given in accordance with the provisions of these bylaws or as required by law; (c) be custodian of the corporate records and of the seal of the corporation and see that the seal of the corporation is affixed to all documents the execution of which on behalf of the corporation under its seal is duly authorized; (d) act as business manager of the corporation; (e) prepare and submit to the Board as soon as practical after the beginning of each year a budget of estimated receipts and expenditures for the ensuing year to be approved by the Board; (f) approve all items of disbursements provided by the budget before submitting them to the Treasurer for payment; (g) have charge and custody of and be responsible for all funds and securities of the corporation; (h) receive and give receipts for moneys due and payable to the corporation from any source whatsoever, and deposit all such moneys in the name of the corporation in such banks, trust companies or other depositories as shall be selected in accordance with the provisions of Article VII of these bylaws; (i) keep a detailed record of the corporation's receipts and disbursements; (j) make disbursements approved by the Secretary; (k) be prepared to submit at any time a statement of the financial condition of the corporation; and (l) in general perform all of the duties incident to the office of Secretary-Treasurer and such other duties as from time to time may be assigned by the President, these bylaws, or the Board.

Section 6. Vacancies. Any vacancy occurring in the office of President shall be filled by the longest serving Vice President. Any vacancy in the office of Vice President shall be filled without undue delay by a majority vote of the membership of the corporation. An officer designated or elected to fill a vacancy shall be elected for the unexpired term of his or her predecessor in office.

Section 7. Removal and Resignation. Any officer may be removed by a majority vote of the members of the Board whenever, in the Board's judgment, the best interests of the corporation shall be served thereby. Any officer may resign at any time by giving written notice of his or her resignation to the President of the corporation. If the President is resigning, he or she shall give written notice to the longest serving Vice President. Any such resignation shall take effect at the time specified therein, and the acceptance of such resignation shall not be necessary to make it effective.



WEST VIRGINIA COAL MINING INSTITUTE

Bylaws (continued)

ARTICLE VI. COMMITTEES

Section 1. Number. There shall be an Executive Committee and such other committees as from time to time the Board or Executive Committee shall create.

Section 2. Executive Committee. The Executive Committee shall consist of the officers of the corporation. The Board may delegate to the Executive Committee the power to transact business of the corporation between regularly scheduled meetings of the Board, provided that any actions taken by the Executive Committee be presented for ratification at the next regular meeting of the Board. The Executive Committee shall be chaired by the President and shall keep full minutes of its meetings.

Section 3. Other Committees. The functions and duties of the other committees created by the Board or Executive Committee shall be designated by the Board or Executive Committee. The members of such committees shall be members of the corporation and shall continue as a member of such committee at the pleasure of the Board or Executive Committee.

Section 4. Committee Chairs. The President, with the approval of the Board, shall appoint one member of each committee as chair thereof. The chair of each committee shall be selected from among the members of such committee.

Section 5. Quorum. Unless otherwise specifically provided by the Board, a majority of the whole committee shall constitute a quorum, and an act of the majority of the members present at a meeting at which a quorum is present shall be the act of the committee.

ARTICLE VII. FISCAL POLICIES

Section 1. Fiscal Year. The fiscal year of the corporation shall begin on January 1 and end on December 31 of each year.

Section 2. Bank Accounts, Checking, Etc. All of the corporation's checking accounts and other bank accounts shall require two signatures, being those of the President, and Secretary-Treasurer, before any check, draft or withdrawal can be honored.

Section 3. Bonding. The Secretary-Treasurer shall give a bond for the faithful discharge of his duties in such sum and with such surety or sureties as the Board shall determine.

Section 4. Loans. No loans shall be contracted on behalf of the corporation, and no evidences of indebtedness shall be issued in the name of the corporation unless specifically authorized by a resolution of the Board. Such authority may be general or confined to specific instances.

Section 5. Deposits. All funds of the corporation not otherwise employed shall be deposited from time to time to the credit of the corporation in such banks, trust companies or other depositories as the Board may select and approve.

Section 6. Gifts. The Board may accept on behalf of the corporation any contribution, gift, bequest or devise for the general purposes or for any special purpose of the corporation.

Section 7. Expenditures. No officer, director, employee, agent or other person shall expend any fund of the corporation, or incur financial obligations on behalf of the corporation, unless such expenditure or obligation incurred is within the authorized limits set by the Board from time to time, or is otherwise specifically authorized by the Board.

Section 8. Compensation. No member of the Board or officer of the corporation shall ever receive compensation from the corporation, except the Secretary and Treasurer which shall be as determined by the Board. Upon resolution of the Board, a member of the Board or officer may be entitled to reimbursement for reasonable and necessary expenses actually incurred in connection with his or her duties as a Board member or officer of the corporation.

ARTICLE VIII. MISCELLANEOUS

Section 1. Amendments. These bylaws may be altered, amended or repealed and new bylaws may be adopted upon the affirmative vote of three-fourths of the members present at any annual, regular or special meeting of the members, provided that the Board has previously approved the amendment.



WEST VIRGINIA COAL MINING INSTITUTE

Bylaws (continued)

Section 2. Interpretation. The authority to construe and interpret these bylaws shall be vested solely in the Board.

Section 3. Books and Records. The corporation shall keep accurate and complete books and records of account and shall also keep minutes of the proceedings of its Board and the meetings of members. All books and records of the corporation may be inspected by any member of the Board or his agent or attorney, for any proper purpose at any reasonable time.

Section 4. Seal. The Board shall provide a corporate seal, which shall be in the form of a circle and shall have inscribed thereon the name of the corporation and the words "Corporate Seal."

Section 5. Dissolution. In the event of dissolution of the corporation, after payment of all necessary expenses thereof, all of the remaining assets and property of the corporation shall be distributed in accordance with the Articles of Incorporation.

Section 6. Political Matters. The corporation shall at no time endorse or recommend any candidate for political office, nor shall politics or political candidates be discussed at the meetings of directors, officers or members.



WEST VIRGINIA COAL MINING INSTITUTE

2019 Members

Allen, Jeff	Goad, Paul F., Jr.	Looney, Henry E.	Statler, Billy J.
Aloia, Albert A.	Graf, David	Lovell, Heath	Stewart, Roger
Ayers, John C.	Graham, Chris	Lusk, Lacy	Stovash, Ronald
Bailey, Tiffany J.	Hainer, Keith	Magro, James N.	Stover, Gary
Bannister, Tom	Hamilton, Chris R.	Massey, E. Morgan	Stoyers, Mark
Barker, Brooks L.	Hansen, Eric Hansen	Matetic, Dr. R.J.	Taglia, Fran X.
Barrs, Andy	Hardesty, John R., Jr.	McCarey, Marc T.	Thomas, L. Newton, Jr.
Begley, Gary S.	Hardman, Ben	McWhorter, Purnal	Thompson, Rodman E., Jr.
Bickey, Matt	Hardman, Douglas	Mooney, Chad	Toler, Ryan
Blackburn, Douglas, Jr.	Hartsog, Gary	Moore, Michael J.	Watts, Royce
Blanchard, Chris	Harwood, Bill	Morrison, C. David	Whipkey, R. Kevin
Bostic, Jason	Harwood, Cary	Murray, Robert E.	White, Michael
Boyd, James W.	Hastings, Michael R.	Murray, Ryan	Whiting, Richard M.
Brady, Edwin P. (Pat)	Hatfield, G. Joe	Oblak, Rebecca J. Esquire	Wooten, Greg
Brock, Jimmy	Hatfield, Stephen	Palm, Art	Workman, Eddie
Brown, Justin	Helbig, Josh	Patterson, Gregory D.	Wright, Harry E.
Bryja, James J.	Holbrook, Jack	Payne, Hubert L.	Yost, Glenn T.
Butler, Christopher S.P.E.	Howard, Charles	Payne, John W.	Zatezalo, David G.
Campoli, Alan A.	Irby, Todd	Pence, Christopher	
Clapp, Richard H.	Jenks, David A.	Perry, Burton L.	
Cogar, Lowell	Johnson, James (Jay)	Peterson, Scott	
Conaway, Dan	Karmis, Michael	Petrynyak, Marty	
Corsaro, James	Kecojevic, Vladislav	Poland, Rodney	
Dickey, Kevin	Keim, K. Scott	Praskwicz, John	
Dodds, Anthony	Kidd, Calvin R.	Raney, William B.	
Dulin, Frank	Kostic, Dennis N.	Reid, Bill	
Evans, Larry	Lane, J. Thomas	Richards, Dennis	
Fairchild, JD	Laurita, James L., Jr.	Sangalli, Steve	
Fala, Doug	Lee, David	Sindelar, Mark	
Fishel, Ken W.	Lee, Michael	Sloan, Thomas	
Gaskins, Richard	Leeming, Jez (Jeremy)	Spencer, John R., Jr.	
Gentry, Bob	Leonard, Russell	Stankus, Dr. John C.	
George, Larry	Lilly, Kris	Statler, Benjamin M.	



WEST VIRGINIA COAL MINING INSTITUTE

History of the West Virginia Coal Hall of Fame

The concept of the West Virginia Coal Hall of Fame was first articulated at the 1993 Spring Meeting of the **West Virginia Coal Mining Institute**, which was held at the *Lakeview Resort and Conference Center* in Morgantown, W.Va. in May by Institute President G. J. "Joe" Hatfield of Peabody Energy.

Hatfield suggested that the **West Virginia Coal Mining Institute** (WVCMI), the West Virginia Coal Association (WVCA) led by William B. Raney, and the West Virginia Mining and Reclamation Association (WVM&RA) led by Ben C. Greene, combine forces to establish a venue to recognize those individuals associated with the coal industry, who had made a significant contribution to the growth and development of the West Virginia coal industry.

Over the next five years, 1993-1998, representatives of the three founding organizations, Royce J. Watts, WVCMI; William B. Raney, WVCA; and Ben C. Greene, WVM&RA, met intermittently to hammer out the details of the proposal.

Finally, in the Fall of 1997, all of the concerns were addressed and the decision was reached to induct the first class of the West Virginia Coal Hall of Fame in the Spring of 1998. The key to the process was the establishment of the criteria for selection, which is simple but clearly distinguishes a large pool of dedicated leaders, who have made significant contributions to the West Virginia coal industry. These criteria are:

1. Must have made a significant contribution to the growth and development of the coal industry of West Virginia as evidenced by documented accomplishments, etc.
2. Must have devoted a minimum of five years of his/her mining career directly related to the West Virginia coal industry.
3. Must have served as an operator, manager, owner, engineer, educator, or other major contributor to the growth and development of the West Virginia coal industry.
4. Both living and deceased persons are eligible

for selection. However, no more than one deceased person may be selected each year.

There were a number of other decisions made regarding the establishment of the West Virginia Coal Hall of Fame and these were:

1. The **West Virginia Coal Mining Institute** will serve the lead role in administering the logistical arrangements of the Coal Hall of Fame.
2. The West Virginia Coal Hall of Fame will be physically located in the Mineral Resources Building, Benjamin M. Statler College of Engineering and Mineral Resources, West Virginia University, Morgantown, W.Va. Inductees will be recognized by a wall plaque indicating year of selection and an 11" x 14" color photograph located in the designated "Hall".
3. The induction ceremony for new members will be held during the evening banquet of the Annual Spring Meeting of the **West Virginia Coal Mining Institute** and the West Virginia Coal Association.
4. The original class, Class of 1998, would include ten inductees with the stipulation that subsequent classes would consist of three inductees. Following the merger of the WVCA and the WVM&RA, effective with the Class of 2008, the number of inductees will be limited to two per year.
5. Each organization, WVCMI and WVCA, will appoint a committee to receive nominations and select the year's inductees by following the established criteria.

The Twenty Second Annual Induction Ceremony was held at the *Embassy Suites*, in Charleston, W.Va. on March 20, 2019. To date, 71 individuals have been inducted in the West Virginia Coal Hall of Fame. Their photographs are mounted on the Coal Hall of Fame Wall of the Mineral Resources Building, Benjamin M. Statler College of Engineering and Mineral Resources at West Virginia University. Everyone is invited to stop by and visit the Wall when in the area.



WEST VIRGINIA COAL MINING INSTITUTE

West Virginia Coal Hall of Fame

Class of 1998

B.R. "Bobby" Brown
C.E. "Jim" Compton
Lawson W. Hamilton
James H. "Buck" Harless
Tracy W. Hylton, Sr.
James C. Justice, Sr.
E. Morgan Massey
Allen S. Pack
Robert H. Quenon
Raymond E. Salvati

Class of 1999

Herbert E. Jones
F.B. "Fil" Nutter
John L. Schroder, Jr.

Class of 2000

Benjamin C. Green
John E. "Jack" Katlic
James R. Thomas, II

Class of 2001

Stonie Barker, Jr.
James L. Magro
Joseph L. McQuade

Class of 2002

James W. "Bill Anderson
C. Wes McDonald
Garold R. Spindler

Class of 2003

Victor N. Green
Robert H. "Bob" Jeran
Joseph E. Joy

Class of 2004

James O. Bunn
Jack Fairchild, Sr.
Marshall S. Miller

Class of 2005

Josef Ehrenguber
William N. Poundstone
Stephen G. Young

Class of 2006

Eustace Frederick
Frank L. Gaddy
Elmo J. Hurst

Class of 2007

Omar M. Bunn
Richard C.
Syd S. Peng

Class of 2008

Charles T. Jones
Royce J. Watts

Class of 2009

J. Brett Harvey
Kenneth D. Nicewonder

Class of 2010

Thomas W. Howard
James L. Laurita, Sr.

Class of 2011

James Herbert Fletcher
Johnson Camden McKinley
Purnal L. "Judge" McWhorter
Robert L. Raines

Class of 2012

Charles T. "Charlie" Holland
Paul Morton
Benjamin M. Statler
Gary G. White

Class of 2013

Peter B. Lilly
John B. Long

Class of 2014

Andrew B. Jordon
Ronald G. Stovash

Class of 2015

Calvin R. Kidd
L. Newton Thomas, Jr.

Class of 2016

James A. "Jimmy" Brock
James L. Laurita, Jr.
William B. "Bill" Raney
D. Stephen Walker

Class of 2017

Bennet K. Hatfield
Gary Joseph "Joe" Hatfield
Robert E. "Bob" Murray
Richard G. "Dick" Preservati

Class of 2018

Frank Calandra Jr.
Joseph "Joe" Craft III
James M. "Jim" Dean
Richard M. "Rick" Whiting

Class of 2019

James "Jim" Corsaro



WEST VIRGINIA COAL MINING INSTITUTE

Scholarship Award

The West Virginia Coal Mining Institute Scholarship Award was established in the 1940s for the outstanding student in Mining Engineering at West Virginia University. Each year, the award is presented to a Senior in Mining Engineering based on sincere Interest in the mining discipline.

1942	Charles E. Schindler III	1986	David S. Vosefski	2003	Bradley W. Zimmerman
1951	Lewis R. Kay	1987	John R. Cook	2004	Joseph Zirkle
1971	N.H. Merrifield	1988	Thomas Dean Martin	2005	Lucas P. O’Neal
1972	William Boyle	1989	Lydell Sullenbarger	2006	Samantha J. Stahle
1973	William Cullen	1990	Rodney E. Neely	2007	Matthew H. Vance
1974	Jerry Lyall	1991	Dana S. Hall	2008	Brad H. Nelson
1975	Robert Stansbury	1992	D. Steven Bellini	2009	Jacob Kerch
1976	Thomas Mucho	1993	Toby P. Edwards	2010	Jeffrey T. Lorimer
1977	Jeffrey Bitzer	1994	Kevin L. Dickey	2011	Martin Smay
1978	Peter Tilston	1995	Eric K. Anderson	2012	Corey Bodnar
1979	John Babiak	1996	Robert E. Murray	2013	Charlie C. Chase
1980	Michael Zervos	1997	Tonya R. Newsome	2014	Stephen Mayo
1981	Mark L. Maberry	1998	Joshua S. Rockwell	2015	Michael R. Sustar
1982	C. Michael Watts	1999	Emily L. Cook	2016	Ethan Watson
1983	Victor L. Howser	2000	Nancy L. Dorset	2017	Grant Talbott
1984	No Award	2001	E. Austin Scholl	2018	Jared Urchek
1985	James P. Morgan	2002	Carrie L. Daughterty	2019	Erica McCauley



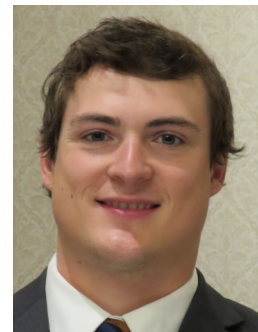
Kevin L. Dickey
1994



Lucas P. O'Neal
2005



Michael R. Sustar
2015



Jared Urchek
2018



WEST VIRGINIA COAL MINING INSTITUTE

Recent Institute Meetings