



General Faculty Meeting Minutes

December 3, 2013

125 Bulter-Carlton Hall, 4:00 P.M.

- I. Call-to-Order, Chancellor Cheryl B. Schrader called the meeting of the General Faculty to order at 4:00 P.M.
- II.
  - a. Chancellor Schrader recognized Jerry Bayless for the presentation of a memorial resolution in honor of Meryl Baker. It was moved that the memorial resolution be incorporated in the minutes of the faculty meeting with copies forwarded to family members. (See Attachment A).
  - b. Chancellor Schrader recognized Wayne Huebner for the presentation of a memorial resolution in honor of Kent Peaslee. It was moved that the memorial resolution be incorporated in the minutes of the faculty meeting with copies forwarded to family members. (See Attachment B).
  - c. Chancellor Schrader recognized Gary Patterson for the presentation of a memorial resolution in honor of Raymond Waggoner. It was moved that the memorial resolution be incorporated in the minutes of the faculty meeting with copies forwarded to family members. (See Attachment C).
- III. Chancellor Schrader called for approval of the minutes of the September 3, 2013 meeting. The minutes were approved as circulated.
- IV. Unfinished Business
  - a. Outstanding Teaching Awards

Provost Warren K Wray announced the Outstanding Teaching Awards for 2012-13. They are as followed:

Dr. Ahmad, Diana	Associate Professor	History & Political Science
Dr. Awuah-Offei, Kwame	Assistant Professor	Mining & Nuclear Engineering
Dr. Bachman, Bonnie	Professor	Economics
Dr. Baird, Jason	Associate Professor	Mining & Nuclear Engineering
Dr. Burgess, Olivia	Assistant Teaching Professor	English & Technical Communication
Dr. Cohen, Gerald (Jerry)	Professor	Arts, Languages & Philosophy
Dr. DeWitt, Petra	Assistant Teaching Professor	History & Political Science
Dr. Fahrenholtz, William (Bill)	Professor	Materials Science & Engineering
Dr. Finke, Darin	Lecturer	Arts, Languages & Philosophy
Dr. Flori, Jr., Ralph	Associate Professor	Geological Sciences & Engineering
Dr. Gao, Stephen	Professor	Geological Sciences & Engineering
Dr. Hilmas, Gregory (Greg)	Professor	Materials Science & Engineering
Dr. Ivliyeva, Irina	Associate Professor	Arts, Languages & Philosophy
Dr. Kohser, Ronald (Ron)	Professor	Materials Science & Engineering
Dr. Le, Vy Khoi	Professor	Mathematics & Statistics
Dr. Leopold, Jennifer	Associate Professor	Computer Science
Dr. McManus, John	Professor	History & Political Science
Dr. Morgan, Ilene	Associate Professor	Mathematics & Statistics
Dr. Mueller, Gary	Associate Professor	Mining & Nuclear Engineering
Dr. Neiss, Jana	Director, Asst Teaching Professor	Teacher Education Program
Dr. Okeefe, Matthew	Professor	Materials Science & Engineering
Dr. Pattershall-Geide, Jennifer	Assistant Professor	Psychological Science
Dr. Pernicka, Henry (Hank)	Associate Professor	Mechanical & Aerospace Engineering
Dr. Samaranayake, VA	Professor	Mathematics & Statistics

Dr. Schramm, Jeff	Associate Professor	History & Political Science
Dr. Smith, Jeffrey	Associate Professor	Materials Science & Engineering
Dr. Stanley, Ronald (Joe)	Associate Professor	Electrical & Computer Engineering
Dr. Story, John G.	Associate Professor	Physics
Dr. Vojta, Steffen (Thomas)	Professor	Physics
Dr. Wilsdorf Krueger, Merilee .)	Associate Teaching Professor	Psychological Science
Dr. Wilson, Terry	Associate Teaching Professor	Biological Sciences

V. Reports of Standing and Special Committees – None

VI. New Business

a. Approval of Candidates for Degrees

Motion was made that the names on the previously circulated list of candidates for degrees on December 13 and 14, 2013 be approved, subject to successful completion of any remaining degree requirements. A motion was made to add 1 additional graduate student to the approved list. Both motions were approved.

b. Chancellor's Report

Chancellor Schrader gave an update on the Provost and Executive Vice Chancellor for Academic Affairs search. Search firm Isaacson, Miller was on campus to meet with the search committee, various campus leaders and hold an open forum regarding the search. A search committee has been named with Melanie Mormile as chair. There is an aggressive timeline for the search with a target date of the end of Spring 2014 semester for completion. Advertisements will soon begin appearing in media outlets such as the Chronicle of Higher Education and various others. If you would like to nominate someone for this position please email [chancellorschrader@mst.edu](mailto:chancellorschrader@mst.edu). The search for our next deans will commence soon.

Please plan on attending commencement December 13/14. We have an excellent commencement speaker, Gary White from water.org. Gary earned his bachelor and master of science degrees in Civil Engineering 1985 and 1987.

Last Month we hosted four of our local representatives for a campus orientation. Senator Dan Brown, Representative Rocky Miller, Senator Ed Emery and Representative Steve Lynch attended the orientation. The day consisted of a campus tour and a 'getting-to-know' you session. The visit included a facilities tour of Schrenk Hall. The Chancellor thanked all that presented to these individuals or just had an opportunity to welcome them.

c. Faculty Senate President's Report

Mark Fitch congratulated Henry Wiebe on his presentation to the Board of Curators regarding Distance and Online Learning programs at Missouri S&T. This meeting was held in St. Louis in November.

VII. Announcements – None

VIII. Adjournment – The meeting was adjourned at 4:30 pm.

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Deanne Jackson, Secretary

## **ATTACHMENT A**

### **MEMORIAL RESOLUTION**

**DR. MERL BAKER  
FORMER CHANCELLOR  
UNIVERSITY OF MISSOURI-ROLLA**

Meryl Baker was born in Cadiz, Kentucky on July 11, 1924 and passed away August 14, 2013 in Lexington, Kentucky. He received his Bachelor of Science degree in Mechanical Engineering from the University of Kentucky in 1945 and served one year (1945-46) in the U.S. Navy and then attended Purdue University where he received MS and PhD degrees in Mechanical Engineering in 1948 and 1952, respectively. Dr. Baker was appointed Assistant Professor of Mechanical Engineering at the University of Kentucky in 1948, Associate Professor in 1952 and Professor in 1955. He also served as executive director of the Kentucky Research Foundation, where he was responsible for planning and advancing the university's research programs and developing external sources of funding. Dr. Baker was named director of international programs in 1955, coordinating the University's program with the U. S. Agency for International Development (USAID) which funded engineering centers in Indonesia and Guatemala. Dr. Baker was appointed Dean of the University of Missouri School of Mines and Metallurgy in Rolla in 1963. One year later when the University of Missouri four campus system was organized he became the first Chancellor of the University of Missouri Rolla, a position he held until 1973. During his tenure as Chancellor the campus saw much growth in faculty quality and quantity, student enrollment at both undergraduate and graduate levels, research programs and physical facilities, including a new library, mechanical engineering building, the University Center East and the Gale Bullman Multi-Purpose Building. New academic programs developed during his watch were a pioneering engineering management program, new PhD programs, the College of Arts and Sciences, several research centers, the graduate engineering center in St. Louis and the first engineering program in South VietNam, funded by USAID. Other positions for Dr. Baker include special assistant to the President of the University of Missouri System, management positions at Oak Ridge National Laboratory, provost of the University of Tennessee-Chattanooga followed by his return to teaching and research there until his retirement in 1997. Dr. Baker was active in several professional societies and published more than 1 00 articles on such topics as thermodynamics, energy conservation, engineering education and management. Dr. Baker received numerous awards from professional and honorary societies, the University of Kentucky, Purdue University, UMR and the Miner Alumni Association. Dr. Baker is survived by his wife of 66 years, Emily Wilson Baker, son Meryl Wilson

Baker and daughter-in-law Rita Muessel Baker of Old Greenwich, Connecticut, daughter Marilyn Ruth Baker of Covington, Kentucky, and two grandchildren, Jessica Marie Baker and Charles Wilson Baker.

We request that this Memorial Resolution be incorporated into the official minutes of the Missouri S&T General Faculty meeting of December 3, 2013, and a copy be presented to Dr. Baker's wife Emily and his children, Meryl and Marilyn.

## ATTACHMENT B



**Kent D. Peaslee**

Curators' Professor of  
Metallurgical Engineering

5/19/56 - 5/17/13

B.S., Metallurgical Engineering, CSM '78  
Ph.D., Metallurgical Engineering, UMR '94

Kent Dean Peaslee was born on May 19<sup>th</sup>, 1956 in Grand Junction, Colorado, the son of Don and Verla Peaslee. He passed away unexpectedly in his sleep on Friday, May 17<sup>th</sup>, 2013 at his home in Rolla at the age of 56. Kent married his high school sweetheart, Mary (Hamilton) Peaslee on Aug 21<sup>st</sup>, 1976. He is greatly missed by his children and immediate family, including son, Michael Peaslee and wife Debbie, of Leawood, KS; daughter, Sarah Wiggins and husband Bill, of Rolla; son, Matthew Peaslee of O'Fallon, MO; sister, Sherry Nagel and husband Bill, of Arvada, CO; two granddaughters, Kayleigh and Isabella Wiggins, and a grandson due to arrive in March of 2014, of Rolla; and many nieces, nephews, and dear friends.

### **Education / Career**

Kent received his B.S. in Metallurgical Engineering in 1978 from the Colorado School of Mines, and afterwards worked in the steel industry for 13 years at Rocky Mountain Steel in Colorado, Gerdau Steel in New Jersey, and ArcelorMittal in both Texas and Louisiana. In 1991, he and his family decided to return to school and pursued his Ph.D. at the University of Missouri Rolla under the direction of Professor David Robertson. He received his Ph.D. in 1994, and became a tenure track Assistant Professor here that fall. He was tenured and promoted to Associate Professor in 2000, and promoted to Professor in 2005. He was named a Curators' Teaching Professor in 2006, the highest title that can be conferred upon a faculty member within the UM system. In 2007 Kent became the first Iverson Chair of Steelmaking Technologies, a position established through a \$2 million gift from Nucor. He also served as the Associate Chair of Undergraduate Studies in the Missouri S&T materials science and engineering department starting in 2004. Kent was the President of the Association for Iron and Steel Technology (AIST) in 2012-2013, the first academic to lead the 16,000 member organization from 70 different countries. He was a member of the American Society of Engineering Educators, the American Foundry Society, Sigma Xi, Tau Beta Pi, and Kappa Mu Epsilon.

### **Expertise**

Kent was a manufacturing and process metallurgist with research interests in waste and metals recycling, steelmaking, inclusion engineering, continuous casting, steel manufacturing energy optimization, metal-refractory interactions and environmental aspects of metals manufacturing. Over a span of 19 years in academia he graduated 7 Ph.D. students, 15 M.S. students, published 140 articles in refereed journals and conference proceedings, and was granted a U.S. patent on continuous steel production. He was an articulate spokesman for the steel industry, and gave over 50 invited lectures and seminars, including the prestigious J. Keith Brimacombe Memorial Lecture at the AIST meeting in 2008. Missouri S&T honored Kent with numerous campus-wide awards in recognition of his sustained excellence in teaching and research, including 10 Outstanding Teaching Awards, 7 Faculty Excellence Awards, 4 MetE Professor of the Year Awards, and the Class of 1942 Excellence in Teaching Award from the Miner Alumni Association. In 2007 he received the Governor's Award for Excellence in Teaching.

The last two years of his life Kent worked tirelessly to establish a new industry-sponsored research center on campus, the Steel Manufacturing Research Center (SMRC). The initial meeting of the SMRC was held the day before Kent's funeral, and the first official act was to rename the center the Kent D. Peaslee Steel Manufacturing Research Center. History will show that the formation of this center was instrumental to the success of countless undergraduate and graduate students, and served as a foundation and resource for the knowledge and expertise needed by a vibrant steel industry.

All of this is quite impressive, but numbers really cannot capture Professor Peaslee's essence as a dedicated, passionate educator and faculty member. His attitude towards excellence in research and teaching carried through to his interactions with all students. Kent was "in the trenches" with them, and most often could be found in the foundry giving direct and invaluable guidance with regard to experimental techniques and analysis. Kent had incredibly high expectations for his students; the only way he could demand that is because he had even higher expectations for himself. He worked the students tirelessly in class with many, many homework assignments, and then routinely worked until the wee hours of the night grading so the students receive their work back the next class period. Kent epitomized the meaning of the word professor - he instilled a love of learning in all of his students and colleagues. One of the best things about Kent was that he didn't wear his many achievements on his sleeve. He was a humble person who quietly went about helping students achieve their dreams, asking nothing in return.

The May 2014 commencement occurred the day after Kent's passing. In the front row was an empty chair, the very spot Kent occupied at every graduation ceremony. While this was but a small tribute offered by the faculty to honor Kent, it nucleated an

even greater tribute when one-by-one, the Metallurgical Engineering students who graduated that day placed their hard-earned diplomas on that empty chair after crossing the stage.

While we will all miss him as a mentor and friend, we can be comforted by the certainty that Kent's legacy of uncompromising excellence in the classroom and research, his many students, and his accomplishments in the steel industry represent the absolute highest achievement in metallurgical engineering.

We request that this Memorial Resolution be incorporated into the official minutes of the Missouri S&T Faculty Meeting of December 3<sup>rd</sup>, 2013 and a copy be presented to his wife, Mary, and his children, Mike, Sarah and Matt.

Respectfully submitted,

The Faculty of the Materials Science and Engineering Department

## ATTACHMENT C

### IN MEMORIAM FOR PROFESSOR RAYMOND COGSWELL WAGGONER, PROFESSOR OF CHEMICAL ENGINEERING

Raymond Cogswell Waggoner was born February 13, 1930, to Charles and Anne Waggoner in Louisville, KY. Ray graduated from The Principia High School in St Louis and then attended the University of Louisville where he earned a BS in Chemical Engineering in 1952. After graduation he began a 30-year service in the US Air Force, beginning with service in Korea. Before he went to Korea, he and Barbara Ann Maynard were married on February 19, 1954, in Denver, Colorado.

After his service in Korea Ray and Barbara settled in Houston, Texas, where Ray worked for Dow Chemical Company from 1956 to 1961. He then pursued graduate work at Texas A&M - College Station, where he finished a PhD in chemical engineering in 1964. During their Texas journey, their first two children Susan and David were born. Wishing to pursue an academic career, Ray and Barbara moved to Rolla, Missouri, where Ray had a long and successful academic career at the University of Missouri - Rolla. Soon after they arrived in Missouri, their third child Marcia arrived as well.

Ray retired from the university in 1992, becoming professor emeritus, and from the Air Force as a colonel in the Air Force Reserve. Ray and Barbara remained in Rolla after his retirement where they enjoyed concerts, theater, square dancing, choir singing and were lay leaders in the Christian Science Church. Ray had a lifelong interest in trains and model railroading, and the family traveled with him on many steam engine train rides. In retirement Ray worked on family genealogy and provided gratis income tax services to seniors.

Ray's work at UMR was very productive in research and innovative in teaching. His work in distillation (with one of the first digital plate-to-plate distillation modeling programs) and in process control led to many publications and conference presentations and to consultancies at DuPont Chemical Company, Monsanto Chemical Company, Honeywell, Inc., and Bechtel Engineering Company. He spent a one-year sabbatical at DuPont-Savannah River from June 1981-August 1982. During his career Ray published 30 journal articles and made about 40 presentations at meetings and symposia. He was very active in the American Institute of Chemical Engineers and the Instrument Society of America. In his efforts to help students understand the vagaries of separations (chemical purification) technology (distillation, extraction, leaching, absorption, etc.), Ray developed many innovative lecture notes, practice problems and computer applications and exercises.

Ray is survived by his wife Barbara, their three children and their spouses: Susan and Jonathan Shopiro, David and Audrey Waggoner, Marcia and Tom Keyser. Ray has four grandchildren Nathaniel Norris, Paul and Luke Keyser, and Laura Tubwell who with husband Kenny have provided two great-grandchildren Samira and Leilani.