



General Faculty Meeting Minutes
September 2, 2014

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

I. Call-to-Order, Chancellor Cheryl B. Schrader called the meeting of the General Faculty to order at 4:05 P.M.

II. Chancellor Schrader recognized Professor Stephen Clark for the presentation of a memorial resolution in honor of James Walter Joiner. 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).

Next, V.A. Samaranayake presented a memorial resolution in honor of Jagdish Patel. 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).

III. Chancellor Schrader called for approval of the minutes of the May 6, 2014 meeting. The minutes were approved as circulated.

IV. Unfinished Business –

Chancellor Schrader started discussions on the Faculty Bylaw changes and gave background information on the current state of these Bylaw changes that will be sent for a paper ballot vote. Chancellor Schrader opened the floor for discussion. Ballots need to be received by September 17, 2014 to be counted.

Regardless of the outcome of the vote, two open forums will be held to discuss how new Vice Provost and Deans might be selected. Two open forums are scheduled for September 25 at 3:30pm and September 26 at noon, both in Carver-Turner room in the Havener Center.

V. Chancellor Schrader introduced the Officers of the General Faculty

Chancellor Cheryl B. Schrader
President of Faculty Senate Martin Bohner
Secretary Deanne Jackson
Parliamentarian Bruce McMillin

VI. Reports of Standing and Special Committees –

Martin Bohner had no reports from standing committees.

General Faculty Elections were conducted for two committees; Public Occasions and U-Wide Tenure

Elected to Public Occasions Committee were:

Steven Corns - two year term
Egemen Cetinkaya – one year term
Xiaoming He – one year term
Ruwen Qin – one year term

Elected to U-Wide Tenure Committee were:

V.A. Samaranayake – two year term

VII. Introduction of New Faculty

Chancellor Schrader called on Provost Robert Marley to introduce the new Vice Provost and Deans.

Dr. Stephen Roberts, Vice Provost and Dean of College of Arts, Sciences, and Business

Dr. Ian Ferguson, Vice Provost and Dean of College of Engineering and Computing

Dr. Stephen Roberts called upon his department chairs to introduce his new faculty

Tracie Marie Kriska, Lecturer, Arts, Languages and Philosophy

Laurie Ellen Myers, Lecturer, Arts, Languages and Philosophy
Julie Semon, Assistant Professor, Biological Sciences
Carla Bates, Assistant Teaching Professor, Business and Information Technology
Nathan Twyman, Assistant Professor, Business and Information Technology
Hongxian Zhang, Assistant Professor, Business and Information Technology
Risheng Wang, Assistant Professor, Chemistry
Ana-Marie Ichim, Assistant Professor, Economics
Sarah Steelman, Assistant Teaching Professor, Economics
Daniel Lawrence, Assistant Teaching Professor, English
David Croft, Lecturer, History and Political Science
Russell Henderson, Lecturer, History and Political Science
John Stewart, Lecturer, History and Political Science
Rita SahaRay, Visiting Professor, Mathematics and Statistics
Peizhen Zhu, Assistant Teaching Professor, Mathematics and Statistics
Cihan Kurter, Assistant Professor, Physics
Mandy Welch, Assistant Teaching Professor, Teacher Education Program

Dr. Ian Ferguson called upon his department chairs to introduce his new faculty

Dipak Barua, Assistant Professor, Chemical and Biological Engineering
Sutapa Barua, Assistant Professor, Chemical and Biological Engineering
Christi Patton Luks, Associate Teaching Professor, Chemical and Biological Engineering
Fateme Rezaei, Assistant Professor, Chemical and Biological Engineering
Ali Rownaghi, Assistant Research Professor, Chemical and Biological Engineering
Silviya Petrova Zustiak, Assistant Adjunct Professor, Chemical and Biological Engineering
Salah Taqieddin, Associate Visiting Professor, Civil, Architectural and Environmental Engineering
Julianm Wang, Assistant Teaching Professor, Civil, Architectural and Environmental Engineering
Guirong Yan, Assistant Professor, Civil, Architectural and Environmental Engineering
Semih Yildirim, Assistant Visiting Professor, Civil, Architectural and Environmental Engineering
Bushra Anjum, Assistant Teaching Professor, Computer Science
Simone Silvestri, Assistant Professor, Computer Science
Egeman Kemal Cetinkaya, Assistant Professor, Electrical and Computer Engineering
Mihail Cutitaru, Assistant Teaching Professor, Electrical and Computer Engineering
Jhi-Young Joo, Assistant Professor, Electrical and Computer Engineering
Amardeep Kaur, Assistant Teaching Professor, Electrical and Computer Engineering
Victor Khilkevitch, Assistant Professor, Electrical and Computer Engineering
Woojin Lee, Visiting Assistant Research Professor, Electrical and Computer Engineering
Hao Xu, Visiting Assistant Research Professor, Electrical and Computer Engineering
Ruini Xue, Associate Visiting Professor, Electrical and Computer Engineering
Joe Guggenberger, Assistant Professor, Geosciences and Geological and Petroleum Engineering
Ronald O'Malley, Professor, Materials Science and Engineering
Bingqi Zhang, Assistant Research Professor, Materials Science and Engineering
Ipek Yucelen, Assistant Research Professor, Materials Science and Engineering
Xian Huang, Assistant Professor, Mechanical and Aerospace Engineering
Jonghyan Park, Assistant Professor, Mechanical and Aerospace Engineering
Alan Davison, Assistant Adjunct Professor, Mining and Nuclear Engineering
Ayman El-Midany, Associate Professor, Mining and Nuclear Engineering
Khaled El-Nagdy, Assistant Teaching Professor, Mining and Nuclear Engineering
Michelle Jarvie-Eggart, Lecturer, Mining and Nuclear Engineering
Joshua Schlegel, Assistant Professor, Mining and Nuclear Engineering
David Weiss, Lecturer, Mining and Nuclear Engineering

VIII. New Business

A. Chancellor's Report

Chancellor Schrader gave a report on our current enrollment. We have had record growth with back-to-back enrollment gains. We expect a total of 8,600 students to be enrolled this fall 2014 semester which is a 5.8% increase over last fall. We continue to see increases in our quality and diversity of our students. We are currently up 8% in under-represented minority students, 6% increase in females, 10% increase in graduate students, 22% increases in non-resident international students, 8% increase in out-of-state students and an 8% growth in our distance and online students.

Our newest student population consists of 1,289 new freshman, 397 new transfer students. Of the new freshman students 36 U.S. states are represented. Our new freshman student population represents 6 different countries.

Chancellor Schrader finished with a snapshot of progress on campus that occurred during the summer months. Bertlesmeyer Hall is nearly complete. Geothermal project is nearly complete and the power plant was decommissioned in May. Hasselmann Alumni House is on target with a completion date this winter and open house during St. Pats.

Finally Havener Center pedestrian walkway is currently undergoing a transformation. This area was identified through the campus master plan as the area in most need of improvement.

B. Faculty Senate Report

Martin Bohner introduced himself as the new Faculty Senate President. The current officers for Faculty Senate include: Martin Bohner, President, Melanie Mormile, President-Elect, Steve Grant, Secretary and Bruce McMillin, Parliamentarian. The first Faculty Senate meeting is scheduled for September 18 at 1:30pm in 204 McNutt.

IFC retreat was held August 19/20 and several areas were discussed.

The current workload document was discussed and will continue to be a topic of conversation. IT Security modules were distributed to campus and should have been completed. The IFC has established a taskforce to revisit tenure and post-tenure review.

IX. Announcements – None

X. Adjournment – The meeting was adjourned at 5:56 pm.

Deanne Jackson, Secretary

Memorial Resolution

James Walter Joiner

James Walter Joiner was born December 3, 1931 in Princeton, Kentucky. He graduated from Reidland High School in Paducah, Kentucky in 1949, after which he attended Southeast Missouri State College, Cape Girardeau, where in 1953 he received a B.S. degree in Education (Mathematics Emphasis) with Minors in Spanish and French. Jim then taught high school mathematics for four years; a year each in Mine LaMotte, Missouri and Parma, Missouri, followed by two years at Center High School in Kansas City. During these years he continued his education, both in the summers and as a full-time student in 1957-58, taking classes from Missouri University, Kansas City University, and Central Missouri State College. In the summer of 1958 he participated in the National Science Foundation Summer Institute at MSM, and in 1958-59 he participated in the NSF Academic Year Institute at the University of Chicago. This resulted in an M.A. degree in Teaching Mathematics from Chicago in 1959.

In the fall of 1959 Jim was appointed as an Instructor in Mathematics at MSM. In those days, the rank of Instructor was a full-time appointment, used more commonly than it is now, and was the rank just below Assistant Professor. With the encouragement of the department and its chair, Rolfe M. Rankin, Jim took courses at MSM while also teaching, both to improve his mastery of the subjects he taught and to work towards a degree. In 1962, Jim received an M.S. in Applied Mathematics from MSM; this was the first master's degree in mathematics awarded by the institution after we were officially allowed to offer B.S. and M.S. degrees in Applied Mathematics in the early 1960s, and it was the second mathematics master's degree ever given at MSM. The first one was awarded to Aaron J. Miles, working under the supervision of George R. Dean, in 1931. Back then, Dean didn't care whether there was an official degree or not – Miles did the work, it was clearly in mathematics, so, to use an expression Dean was fond of, "by the great horn spoon," that is what the degree should be in. Jim's mathematics master's degree from MSM, a generation later, was the first where all the rules were followed. In 1963 Jim was promoted to Assistant Professor, and in 1965 he received tenure. During the 1966-67 academic year plus the fall of 1967 he was on a sabbatical leave from UMR and attended George Peabody College for Teachers in Nashville, Tennessee to work on a doctorate. He finished all but the dissertation during that time, and completed his Ph.D. in 1971. Jim was promoted to Associate Professor in 1977. Because his main interest was teaching, not research, he remained at that rank until his retirement in 1997.

Jim Joiner quietly did many things for students at MSM/UMR. He suffered from very poor eyesight all his life, and the need to read things from a distance of one or two inches must have made grading papers even more of a chore than usual, but, especially in his later years, he was a much-sought-after teacher, with students actively seeking his sections, even if they had failed his class before. Emblematic of his efforts to help students while avoiding the limelight himself was the "Unsung Hero Award" he received from the AKA Sorority in 1991-92. He was the faculty advisor for Kappa Mu Epsilon, the mathematics student honorary society, for at least 25 years, and was the department's Undergraduate Advisor for sophomores, juniors, and seniors for several years. Jim was also the long-time faculty advisor for the Venezuelan Student Association; he was fluent in Spanish and made several trips to Venezuela, both for the university and at the invitation of former students. He also served the local community with his language ability by volunteering as an English/Spanish interpreter in emergency situations at Phelps County Regional Medical Center

Jim Joiner married Vergean Heese in 1957. They raised a daughter, Susan, and a son, Michael. Jim was a longtime member of the First United Methodist Church in Rolla and was an active member of the Rolla Optimist Club. When you bought Optimist breakfast tickets from Jim, he made sure you learned the difference between pancakes and flapjacks.

Jim Joiner passed away in Rolla November 26, 2013, one week short of his 82nd birthday. His wife Jean, his daughter Susan Moors and her husband Chuck, of Lake St. Louis, Missouri, and his son Michael Joiner and his wife Nancy, of Omaha, Nebraska, survive him; grandchildren are Patricia Joiner Giebink and her husband Adam of Washington, Missouri, Steven Joiner of Omaha, William Moors of Columbia, Missouri, and David Moors of Eureka, Missouri.

We request that this memorial resolution be incorporated into the official minutes of the Missouri S&T General Faculty Meeting of May 6, 2014, and that copies be sent to Dr. Joiner's wife, Jean, his daughter, Susan, and his son, Michael.

Respectfully submitted,

Leon M. Hall

Stephen L. Clark

V.A. Samaranayake

Memorial Resolution Jagdish K. Patel

Jagdish K. Patel was born in Ahmedabad, India, on December 24, 1932 to the late Jagdish Kunverlal Patel and Parvati Patel. He was the youngest in the family and had two sisters and a brother. Jagdish attended the M.G. Science Institute, Gujarat University, India, as an undergraduate and went on to obtain a master's degree there in 1957. He married Prabha Jagdish Patel on May 10, 1958, and that fall left for the United States to attend New York University. He obtained a master's degree in Mathematics from NYU in 1960. Jagdish's training as a statistician began at the University of Minnesota, Minneapolis, where he studied under the world-renowned statistician Milton Sobel. He earned his doctoral degree in 1968 with a successful defense of his dissertation titled: *Selecting a Subset Containing the Best One of Several JFRA Populations*.

Jagdish's first teaching position was as an Assistant Professor at Louisiana State University, where he worked from 1967 to 1972. In 1972, he took up an Assistant Professor position at Southern Methodist University, and then in 1975 decided to join the University of Missouri-Rolla (UMR) as an Assistant Professor of Mathematics. Jagdish applied for our position in late February that year, but things apparently did not proceed smoothly, as indicated by a letter (dated March 3) from the department chair. It states: "We had advertised a position in Probability and Statistics for the coming year (1975-76) and hoped to do our initial review of candidates early this year.

Unfortunately, our president has just imposed a hiring freeze on the university." The freeze was lifted eventually, and Jagdish received an offer letter dated July 22, 1975, signed by the Chair, Dr. Glen Haddock, giving him two years of credit towards tenure due to previous experience. In his acceptance letter, Jagdish mentioned that he planned to be in Rolla on August 11 – less than one month after he received the offer letter! Jagdish went on to receive tenure and promotion to Associate Professor in 1977. In 1982 he rose to the rank of Professor and remained at the university until his retirement at the end of summer 1999. He was granted the title of Professor Emeritus upon his retirement.

Jagdish was well known for his research in the areas of ranking and selection, prediction and tolerance limits, failure distributions, and reliability. Apart from numerous publications in these areas, he was recognized in statistics circles for his co-authorship of two books: *Handbook of the Normal Distribution* and *Handbook of Statistical Distributions*. Both books were published by Marcel Dekker, Incorporated. A

revised and expanded second edition of the *Handbook of Normal Distributions* was published in 1996. These books are well-respected in the statistics community. Reviews included statements such as: "...merits the statistician's serious consideration," "...should make a welcome and frequently used addition to [statisticians'] libraries," and "... should be in the hands of every serious statistician, every research worker, every Ph.D. candidate, every serious student ..." The quality and significance of Jagdish's research and scholarly activities cannot be measured by mere counts. Three of his seminal papers are published in the *Journal of the American Statistical Association*, one of the top two or three journals in Statistics. This is a rare achievement in itself. And his two books, as noted above, are not only substantial (over 750 pages combined) but also extremely useful to any statistician or user of statistics. This type of scholarship deserves more respect than it usually gets. Overall, Jagdish's research was a well-balanced mix of theory and practicality, and its applicability was (and is) a testament to its importance.

The scholarly contributions of Jagdish go beyond mere publications. He graduated three doctoral students: Joseph Kingston, Linda Penas, and Jeannie Hill. In addition, he served on numerous graduate committees for students and chaired the masters committees of over a half a dozen mathematics and statistics students. His scholarly outreach went beyond the campus; he organized two statistics symposia at UMR in 1978 and in 1980. Jagdish was also the Co-Editor of *Statistical Reviews* from 1983 through 1989. He played an active role in the Mid-Missouri Chapter of the American Statistical Association, and served as its secretary in 1978 and as President in 1979.

Jagdish excelled as a teacher throughout his career at UMR. His reputation as an outstanding teacher reached well beyond the department, with many students in engineering and science clamoring to get into his statistics courses. Faculty members and graduate teaching assistants in the department often visited his classes to learn ways to improve their teaching. Those who observed him were impressed with the way he transitioned from the previous day's work to the current lecture, and then how well he summarized the main themes of the day's lecture at the end of the class period. It was no secret that many students in the department thought that Jagdish was one of the best, if not the best, teacher in the department. The university recognized his teaching excellence by awarding him Outstanding Teaching Awards in 1991/92, 1994/95, and 1995/96.

During his 24 year career at UMR Jagdish became known as a gentle and highly personable individual to his students and colleagues alike. Those who knew him well also came to appreciate his dedication to his family. He and his wife raised two children, Sonal P. Bowness of Austin, Texas, and Sanjay J. Patel of

Evans, Georgia. When a debilitating illness struck his son, Jagdish showed equanimity and great emotional strength. He faced adversity with serenity and courage, never letting personal frustrations interfere with his teaching and scholarly work. This philosophy carried over to his professional life. He could vehemently oppose a departmental policy, but treat the proponents of such policies as he would his best friends. He never carried a grudge and always looked at the positive side of things. He was truly an ideal colleague.

Jagdish passed away on Thursday, July 18, 2013, at the age of 81 after a long period of deteriorating health. During his last few weeks he refused to take measures to prolong his life and be a burden to his family. To his last day, Jagdish kept true to his life's philosophy of placing others' needs ahead of his own. His advisee, Linda Penas, posted the following tribute online upon hearing of Jagdish's passing : "Dr. Patel was my PhD advisor, mentor and friend. He was an inspiration to me. His passing has greatly saddened me. The Statistics community has lost a truly fine man!" It is not only the statistics community that has lost a wonderful man. With his passing, the Missouri S&T community lost one of its finest citizens.

We request that this Memorial Resolution be incorporated into the official minutes of the Missouri S&T General Faculty Meeting of September 2, 2014, and that copies be given to Jagdish's wife Prabha, his son Sanjay, and his Daughter Sonal.

Respectfully submitted,

Steve Clark

Leon Hall

V.A. Smaaranayke