



General Faculty Meeting Minutes

April 30, 2013

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

- I. Call-to-Order, Professor S.N. Balakrishnan called the meeting of the General Faculty to order at 4:00 P.M.
- II. Announcements – None
- III. Professor S. N. Balakrishnan recognized Professor Kurt Kosbar for the presentation of the memorial resolution in honor of Burns Hegler. The motion was approved. (see Attachment A).
- IV. Professor S. N. Balakrishnan called for approval of the minutes of the December 4, 2012 meeting. The minutes were approved as circulated.
- V. Unfinished Business – None
- VI. Reports of Standing and Special Committees

A. Campus Tenure Committee – Election for representatives to U-wide Tenure Committee

Professor Davis presented candidates for the U-wide Tenure Committee. The following faculty were elected:
University-Wide Tenure – Gerald Cohen (Representative)
The Alternate candidate will be voted on at the September 2013 meeting.

B. Other Standing Committees – Election for Representatives

Professor Davis presented candidates for the Standing Committees. The following faculty were elected:

Student Awards and Financial Aid – Kelly Homan

Student Scholastic Appeals – Yinfa Ma

Public Occasion Committee – Abhijit Gosavi
Michael Meagher
Cassandra Elrod

VII. New Business

A. Approval of Candidates for Degrees

Motion was made that the names on the previously circulated list of candidates for degrees on May 17 and May 18, 2013 be approved, subject to successful completion of any remaining degree requirements. A motion was made to accept the changes approved by the Graduate Faculty meeting on April 29 that removed 2 Master's degree candidates and 1 PhD candidate from the approved list. Both motions were approved.

B. Recognition of Faculty Patent Awards. Vice Provost Wiebe recognized the following:

United States Patent No. 8,353,966
Entitled "Scaffold for Bone and Tissue Repair in Mammals"
Delbert Day

United States Patent No. 8,352,392
Entitled "An Artificial Neural Network Tool for Network Capacity Modeling"
Cihan Dagli

United States Patent No. 8,337,875
Entitled "Controlling Vessel Growth and Directionality in Mammals and Implantable Material"
Delbert Day

United States Patent No. 8,287,896
Entitled "Scaffold with Trace Element for Tissue Regeneration in Mammals"
Delbert Day

United States Patent No. 8,286,511
Entitled "Assemblies for use in Evaluating Subsurface Contamination, and related Methods"
Joel Burken

United States Patent No. 8,263,515
Entitled "Nanostructured Dielectric Materials for Fabrication of High Energy Density Multi Layer Ceramic Capacitors"
Fatih Dogan

United States Patent No. 8,257,147
Entitled "Method and Apparatus for Jet-Assisted Drilling and Cutting"
David Summers, Grzegorz Galecki, Klaus Woelk

United States Patent No. 8,212,573
Entitled "High Frequency Analysis of a Device Under Test"
Reza Zoughi

United States Patent No. 8,192,853
Entitled "A Method for Toughening via the Production of Spiral Architectures through powder loaded Polymer Extrusion and Toughened Materials formed thereby"
Greg Hilmas, Jeremy Watts, William G. Fahrenholtz

United States Patent No. 8,173,154
Entitled "Boron Trioxide Glass-Based Fibers and Particles in Dressings, Sutures, Surgical Glue, and other Wound Care Compositions"
Delbert Day

United States Patent No. 8,187,439
Entitled "Electrocoating Process for Mixed-metal Automotive Bodies-in-White"
Matthew J. O'Keefe, Surender Maddela

C. Chancellor's Report

Vice Provost Wiebe announce that Chancellor Schrader was sorry she was not there in person today; she was attending a meeting at Fort Leonard Wood.

Vice Provost Wiebe reported on the strategic planning initiative and stated that Chancellor Schrader extends a heartfelt thank you for all that participated. The budget gap has been reduced to around 1.8M, down from 2.2M but we are still working with our 2, 3.5 and 5% reductions.

D. Faculty Senate Report – Professor S.N. Balakrishnan continued discussion on the strategic planning initiative.

Faculty Senate invited both Steve Owens and Nikki Krawitz from UM System to our campus throughout the year meeting with campus and touring facilities. Both individuals were impressed.

X. Adjournment – The meeting was adjourned at 4:24 P.M.

IX. Executive Session – Professor S.N. Balakrishnan presented the candidates for honorary degree. Ballots were distributed with the results to be forwarded by the Chancellor's Office to the President.

(Attachment A)

Memorial Resolution Burns Hegler

Prof. Burns Hegler was born on Veteran's Day: November 11, 1921. He was an only child. He earned his B.S. in Electrical Engineering at Kansas State University before serving the Navy in World War II, where he helped with ship design and maintenance at the Norfolk Naval Shipyards. After World War II, he returned to Kansas State University for the M.S. in Electrical Engineering, after which he worked for Boeing and Cessna in Wichita, Kansas. He was then called back to the Navy for the Korean War. After the war, he retired from the Navy as Commander. He then returned to Kansas State University for the Ph.D. in Electrical Engineering. In addition to his Ph.D. research, he also taught full-time for Kansas State during this period. During his graduate studies he met his wife, Kay, whom he married in 1963.

After completing the Ph.D., he was en route to an interview at the University of Illinois – Carbondale when he stopped to visit friends in Rolla. During this stop, he met then-Chair of Electrical Engineering, Dr. Betten. The two had a strong, mutual, positive impression and soon after, he was hired to the faculty of Electrical Engineering at UMR.

Burns was an expert in safety, energy conservation, Occupational Health and Safety Administration requirements, and energy audits. He received considerable external funding in these areas, particularly for activities conducted through the University Extension. Under his leadership, the participating faculty members trained many students and provided them with work experience performing energy audits for Missouri companies. He was also active with the Reserve Officers Training Corps (ROTC), helping its commander meet faculty members and entertaining students and staff. His subtle, deadpan sense of humor was well-known among his colleagues.

He retired in 1991 but continued considerable activities for the department, particularly as transfer student advisor. He continued visiting the department regularly for many years, even after the onset of Parkinson's disease. During the last few years of his life, he lived at the St. James Veterans' Home. Upon his passing, his brain was donated for research to Washington University in St. Louis. He will be interred in a crypt at Christ Episcopal Church, Rolla, at a later date.

Burns departed this life Thursday, March 14, 2013. (Ever the engineer, his passing was “ π Day” – that is, 3.14.) He was preceded in death by his parents Burns and Grace Hegler and his stepson Randall William Haines and is survived by his wife, Kay Hegler, stepdaughter Linda Schubert, her husband Jim, and grandchildren Laura, Matt, and Shannon, as well as many friends and colleagues.

I request that this memorial resolution be incorporated into the official minutes of the Missouri S&T General Faculty Meeting of April 30, 2013, and that copies be sent to his wife and stepdaughter.

Respectfully,

Donald C. Wunsch II