CALL TO ORDER

Chairman Wolf opened the meeting by welcoming everyone to the meeting and asked for introductions around the room.

Those in attendance were:

Academy members:

Rex Alford
Gerry Berset
Lester Birbeck
Bob Brackbill
Dick Bullock
James Chaney
Bill Daniels
Delbert Day
Paul Dowling
Armin Fick
Bud Hacker
Bob Hopler
Dick Hunt
Orville Hunter

Al Kidwell
Harold Krueger
Don Kummer
Phil Leber
George Maczura
Norbert Neumann
Tom O'Keefe
Bob Peppers
Sam Schneider
Nancy Scofield
Bill Shepard
Jim Spehr
Sam Weaver
Bob Wolf

Marvin Zeid

Representatives of UMR:

Lee Saperstein, Dean, School of Mines and Metallurgy
John W. Wilson, Chairman, Mining Engineering
John L. Watson, Chairman, Metallurgical Engineering
Wayne Huebner, Chairman, Ceramic Engineering
Richard Hagni, Chairman, Geology & Geophysics
Arvind Kumar, Chairman, Nuclear Engineering
Phil Campbell, Development Officer
Kevin Lindsey, Development Associate
John Hogan, Assistant Professor, Geology & Geophysics
David Wronkiewicz, Assistant Professor, Geology & Geophysics
Kimberely R. Barks, Administrative Assistant, Dean's Office

After the introductions, Lee Saperstein mentioned the notebooks on the table and noted the information that was included in their folders. Besides the Agenda, Lee Saperstein made specific note to the School of Mines and Metallurgy's Statement of Purpose and Goals, which is something that is very important to the Chancellor.
REVIEW AND APPROVAL OF PAST MINUTES

The first topic of discussion was the review and approval of past minutes. A motion was put forth by Dick Hunt to accept the fall meeting minutes and the executive committee minutes, it was seconded and passed unanimously.

REVIEW AND APPROVAL OF AGENDA

The next agenda item was a request to make any changes to the existing agenda. There were no changes to the agenda.

ELECTION OF VICE-CHAIR OF THE ACADEMY

Chairman Wolf continued with the meeting by asking for nominees for the Vice-Chair position in the academy from the floor. Chairman Wolf noted that there were two nominees from the Executive Committee, one of whom agreed to be nominated, Gerry Bersett. Dick Hunt moved to close nominations and accept Gerry Bersett as the new Vice-Chair. The motion was seconded and passed unanimously.

ELECTION OF NEW MEMBERS TO THE EXECUTIVE COMMITTEE

Chairman Wolf then asked for nominations for the Executive Committee from the floor. Chairman Wolf noted that the nominees made by the Executive Committee were Harold Krueger and Tom O'Keefe. He then asked if they were willing to be nominees and they both agreed. Dick Hunt moved to close nominations and elect Tom O'Keefe and Harold Krueger to the Executive Committee. The motion was seconded and passed unanimously.

PROPOSAL FOR NOMINATING COMMITTEE PROCESS

Moving on to the next agenda item, Chairman Wolf asked for the presentation from the Nominating Committee. Jim Spehr first noted the members of the Nominating Committee: Jim Spehr as Chair, Marvin Zeid, Don Kummer, Bob Brackbill and Jeff Zelms. Jim Spehr continued his presentation by noting how the nomination process has been in the past. This process included taking nominations from existing members, sending out ballots in which we gave every member ten votes in descending order. Jim Spehr noted that this worked ok at first, but as we develop we need a better approach. He related that he had also looked at other academies, although we are different, just to see what they do. All other academies are department related, while we are an entire School. Thus we have issues of distribution and equity.

Jim Spehr continued by pointing out that they want to be fair to all departments. The Nominating Committee's proposal would be basically that the committee would assemble a list of nominees that would be endorsed by the Executive Committee. They would then send out a ballot in which each member votes yes or no to each nominee. Results would be tallied as before and the Executive Committee would decide. Jim Spehr asked for any questions, there were none at this point and he discussed the proposal that would change the by-laws. The changes proposed are listed below:
1. Paragraph IC1

The Chairman of the Nominating Committee shall ask the membership for nominations. Active members may nominate individuals who meet all membership criteria established under I.A.1-2 of these by-laws and nominations shall be accompanied by documentation substantiating their qualifications.

2. Paragraph IC2

The Nominating Committee shall review, determine eligibility and forward their recommendations to the Executive Committee for final approval. Nominations received but not recommended may be considered the following year. All nominated individuals reviewed for two years, but not selected will be dropped from consideration unless re-nominated.

3. Paragraph ID1

Election shall be by written ballot of all members. Election requires a 75 percent affirmative vote of all ballots cast. A minimum of 25 percent of active members must cast votes.

George Maczura noted that the nominees are such a diverse group of people, that there should be a way to weigh their contributions. If you establish some kind of weighting system, then when you nominate someone you make sure that you would make sure all issues were addressed. He also noted that he had created a spreadsheet to use when he was making his votes, he will send a copy of his spreadsheet to Jim Spehr (jimmet@aol.com).

Lee Saperstein did point out that the Academy is now 62 members strong. The School of Mines and Metallurgy have approximately 7000 living alumni so we are approaching 1% of our alumni base.

Jim Spehr moved and Paul Dowling seconded a motion to pass the changes to the bylaws regarding the establishment and procedures of a Nominating Committee, as per the proposal by Jim Spehr. It was seconded and passed unanimously.

Nancy Scofield, interjected before moving to the next agenda item that she would like to re-nominate Tom Simpson as a posthumous inductee to the Academy.

REPORT ON SCHOLARSHIP COMMITTEE

Chairman Wolf continued the meeting by calling on Tom O'Keefe to give a presentation on the Scholarship Committee. Tom O'Keefe began by listing the members of the Scholarship Committee: Tom O'Keefe as Chair, Bill Horst, Marvin Nevins, Jr., Dick Hunt and Dick Bullock. Tom O'Keefe pointed out that there was a copy of a proposal in the folder, documenting the proposal for the role of the Scholarship Committee and the School of Mines and Metallurgy Academy Scholarship. He did note, however, that there is nothing defined at this time and he is open to questions or suggestions. Some discussion continued on this topic with the main points as follows:
• Should we take the principal we have at this time and give scholarships this fall?
• The Academy could help in identifying students, not necessarily current students but to help in recruiting students.
• Will this not be a fixed scholarship? We can change ideas, if needed, until we hit on what the group wants to do.
• We should be able to handle all seven disciplines.
• What would the requirements to get a scholarship be? Would it be high GPA people? Would it be someone with need?
• The Scholarship should be purely supplemental to existing scholarships held by the student.
• Is there any advantage to rededicating an existing fund?
• Scholarship Committee will make first proposal for guidelines and then be endorsed by Executive Committee.

It was noted by Harold Krueger, especially to the new members of the Academy, this proposal is not just to ask for money. This is just an opportunity to help the School through the Alumni Association. As always, just earmark your gift to the School of Mines and Metallurgy Scholarship.

Tom O'Keefe noted that if there was not any further discussion, he moved to establish the School of Mines and Metallurgy Scholarship and to consolidate such funds as have been established under the name of the Academy Scholarship into an account managed by the Alumni Association. George Maczura seconded and it passed unanimously.

LEGISLATIVE REVIEW

Lee Saperstein next reported on the budget of the University of Missouri system. He noted that a portion of our budget is from the state, approximately $42 million, tuition makes up approximately $33 million and the rest is generated by auxiliary enterprises. Lee Saperstein went on to say that we do have an enrollment problem. We are on track now toward a freshman class of 725 to 750, with our goals in the range of 800 to 850. The campus number is at 4700 rather than the 5200 goal. He noted that the other schools at UMR are up and down in their enrollment where we just gradually drop, noting the enrollment statistics page in the folder.

Lee Saperstein continued by discussing the mission enhancement program. The subjects in the School are materials and geotechnology; manufacturing & infrastructure in the School of Engineering; and environment in the College of Arts & Sciences. He continued by noting, at this time, we are listed on the second tier of national universities listed in the U.S. News and World Report, which is a respectable place to be. The mission enhancement money will help us to be one of the nationally recognized universities listed in U.S. News and World Report. What the Academy can do to help is to tell their State legislators to stay with the new mission enhancement monies. Lee Saperstein stated that at this time Metallurgical Engineering have two new faculty positions being filled; Ceramic Engineering has one; and Geology & Geophysics has one. Mission Enhancement will continue for four years and there will be lots of exciting changes with senior and junior faculty.
Lee Saperstein continued by mentioning the Engineering Equipment Bill. This bill is a portion of the State’s capital budget that states for each graduating engineering student, the state gives $1200 to the university for equipment. The problem is that it has been dropped from the budget and we need help in getting it back into the budget. Any help that the Academy can give by talking to their legislators for this bill would be greatly appreciated. It does look like there is good motivation, the three deans met with two Representatives and a Senator to talk about this, and were received well.

Lee Saperstein concluded his presentation by commenting on the University of Missouri’s efforts with respect to federal relations. He noted that President Pacheco hired Steve Knorr as a Special Assistant to the President for Federal Relations. Since Steve Knorr has started, the University has been taking information directly to Washington, DC, meeting directly with our congresspeople. Through it all, we have been able to get federal money for research at UMR. A final note, the University of Missouri System held a reception in Washington, DC for University of Missouri alumni and invited the Missouri delegation, of whom most showed up along with over 300 Missouri alumni. Lee Saperstein did note that he received favorable comments from our representatives, who are very comfortable in helping with support of research.

Sam Schneider commented that he would like to help us out. He was involved in materials, and there are eleven government agencies that do research on materials and they have set up an inter-agency coordination. He said that there is approximately $2 billion in government research. He also noted that partnerships with a federal agency are very important and anytime possible we should mention the words environment and/or health. He suggested that several societies get together and contribute money for a staffer in congress and senate.

Lee Saperstein made a final note that Senator Bond helped place $4.5 million for research at Rolla in the FY 1999 budget.

MINERAL MUSEUM

Chairman Wolf asked Nancy Scofield to give a presentation on her ideas for the mineral museum that is housed on campus.

Nancy Scofield began by stating that some progress has been made in creating a more attractive museum, noting that David Wronkiewicz, Assistant Professor in Geology & Geophysics, has been working on it on his own time. She has some ideas, listed below, but will take more ideas at any time.

1. The need for a curator is essential. This is something she notes that can be a reality sometime in the future. For now we could have an existing curator of a collection to come and look at the collection to give us some ideas of what it would take to keep this collection and how it can be kept safely and displayed attractively.

2. All of this needs to be done with cooperation among departments. The seven departments of the School are all related to the mineral industries.

3. Displays should be attention getters. There needs to be a display in a prominent area that would capture someone’s attention so that they would want to go and see the rest of the museum.
4. Money must come from several sources: School of Mines and Metallurgy with help from the Legislature, participating departments within the School, and possibly the Academy.

Nancy Scofield asked Dr. John Hogan, Assistant Professor of Geology and Geophysics, for his ideas. John Hogan explained that from his personal experience the things he remembers from a very early age was looking at displays at a university near where he lived. He went on to mention that this is also what has kept him interested. He feels that we can utilize space in hallways somehow so that we can connect with outside visitors. Some ideas are maybe to put out some striking specimens in the hallways by class rooms with a little sign that could redirect them to the first floor where the museum is housed. He concluded by stating that this is very valuable as a teaching tool and it is a way to connect with the outside public.

Nancy Scofield then asked Dr. David Wronkiewicz, Assistant Professor of Geology and Geophysics, to explain his idea about a mural. David Wronkiewicz noted that a mural that would appear in a heavy traffic area could be done that would explain a tie in of how things are made, from start to finish. By doing this, all seven departments would tie in to the process in some way. He proposes having this mural made so that people can come in see.

Nancy Scofield continued by stating that all of this, of course, takes money and that the School needs to lead this venture. She also stated that this collection started with the World's Fair in St. Louis in 1904. There will be a centennial celebration of the World's Fair in 2004. This is a great time to get this ready.

After the presentation, Bob Brackbill commented that this would be a great project for this Academy. He also thinks the legislature would be a waste of time.

Dick Bullock asked if the specimens that were in the library are a part of this collection? The answer was yes. Lee Saperstein interjected that members of the Academy might want to visit the library, to see these specimens and to also see all the wonderful renovations.

John Watson stated that he supports the museum but agrees that it is hidden away. He questioned if there were a way we could tie in with Stonehenge? Maybe we could put some specimens in displays outside around where Stonehenge is. He also noted that the second floor is the highest traffic area and the first small start should be on the second floor.

Albert Kidwell agreed to the importance of this project. He would like to know that there would be a place to have his personal collection go.

Jim Spehr asked if the collection has a very significant value. It was answered, yes.

Dick Hunt asked that a committee of people work on this and to give a recommendation to the Academy in the Fall. Chairman Wolf agrees and asks Nancy Scofield to suggest to him a committee to work with her.

Nancy Scofield agreed and asked that if anyone wants to work on this committee, let Chairman Wolf know and we will get the committee started. She also pointed out that Drs. Wronkiewicz and Hogan need to be on committee.
FULL CIRCLE CAMPAIGN UPDATE

Chairman Wolf introduced Phil Campbell, Development Officer to give an update to the Full Circle Campaign. Phil Campbell introduced himself stating that he was a 1987 graduate of Metallurgical Engineering program at UMR and just came back in August, 1998 to work at UMR. He introduced Kevin Lindsey, Development Associate for the School of Mines and Metallurgy and the College of Arts and Sciences.

Phil Campbell continued by giving an update of the status of the campaign. He stated that the campaign started in 1994 and its goals were to attract outstanding faculty, increase student financial aid, provide new and updated facilities and plan for future challenges. We stand, at this point, 4¼ years into the seven year campaign. We have raised $53.7 million of the goal of $60 million, with most of the donors being alumni of the university (40.2%). He continued by stating that the status of the School was that we have reached $14 million of our $15 million goal.

Phil Campbell continued by noting that we have met our goals in the Annual and Unrestricted category and the Scholarships category. They will now be focusing on Facilities and Equipment, Program Enrichment and Faculty and Development Support.

SHOW AND TELL

Lee Saperstein asked to make a few announcements before we have the show and tell. Right now the dates for Homecoming '99 are October 1-2, 1999. We will be having our Academy meeting the morning of October 1st. The OGS weekend next year will be May 19-21, 2000 at the Adam's Mark Hotel in St. Louis. We will not keep the Academy meeting with the OGS weekend in 2000 and will have the meeting the same weekend as the Alumni Board meetings, April 27-29, 2000. The Academy meeting, dinner and induction ceremony will be on April 27, 2000.

Lee Saperstein concluded the meeting by stating where the group would be going on the show and tell. They will start by touring the mineral museum on the first floor, go up one floor to the new clean room installed for the ceramic engineering department and conclude by visiting the Dick Hunt 3-D Seismic Lab on the second floor. He wanted to thank everyone for their time and thoughts at the meeting and looked forward to visiting with them later that evening at the induction ceremonies.

Meeting adjourned at 4:00 pm

Minutes taken by Kimberely R. Barks