

**UNIVERSITY OF WYOMING  
SCHOOL OF ENERGY RESOURCES  
FIRST ANNUAL REPORT, 1 OCTOBER 2006**

[Pursuant to W.S. 21-17-117(f) and 2006 Wyoming Session Laws, Chapter 69, Section 3]

To the Joint Minerals, Business and Economic Development Interim Committee,  
Joint Appropriations Interim Committee, and the  
Joint Education Interim Committee

Submitted by  
Dr. Myron B. Allen, Vice President for Academic Affairs  
Dr. Carol Frost, Interim Director, School of Energy Resources  
University of Wyoming, Laramie, WY 82071

(This report is available on the University of Wyoming's website at  
<http://uwacadweb.uwyo.edu/SER/documents/2006report.pdf>)

## Introduction

This document is the first annual report of progress toward the development of the School of Energy Resources (SER) at the University of Wyoming (UW). The Wyoming Legislature provided authorization and funding for the SER in its 2006 session, through Senate File 37<sup>1</sup>, pursuant to an academic and fiscal plan presented by UW on 1 October 2005<sup>2</sup>. The legislation provides that

The annual report required under W.S. 21-17-116(f) on October 1, 2006, shall be a summary of progress toward development of the school through September 1, 2006.

This report summarizes progress made in the following areas:

1. UW Energy Resources Council
2. Interim Director
3. Academic Coordinator
4. Faculty Steering Committee
5. Search for Director
6. Distinguished faculty positions
7. International colloquium series
8. Web site

## 1. UW Energy Resources Council

Senate File 37 called for the appointment of a UW Energy Resources Council to "provide direction ... regarding identifying and prioritizing issues which should be targeted for research and outreach." The legislation also stipulated that no funds should be expended on the school until the council approves the academic plan. The council, established in June with the completion of appointments by Governor Freudenthal, consists of the following people:

Mark Davies	General Manager of Business Development, Rio Tinto Energy America
Ron Harper (chair)	CEO and General Manager of Basin Electric Power Cooperative
Bill Hawks	Wyoming State Senator
Paul Lang	President of Western operations, Arch Coal Inc.

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<sup>1</sup> The text of the legislation is viewable online at <http://www.uwyo.edu/SER/documents/SF0037.pdf>

<sup>2</sup> The academic plan is viewable online at the following URL:  
[http://www.uwyo.edu/SER/documents/energy\\_school\\_plan%20UPDATED%2010-05.pdf](http://www.uwyo.edu/SER/documents/energy_school_plan%20UPDATED%2010-05.pdf)

Tom Lockhart (vice chair)	Wyoming State Representative
Keith Rattie	Chairman, President and CEO, Questar Corporation
Bobby Shackouls	Recently retired Chairman, President and CEO, Burlington Resources Inc.
Tom Stroock	Former United States Ambassador and longtime Wyoming businessman
Rob Wallace	Manager of Government Relations, GE Energy
Tom Buchanan (ex officio)	President, University of Wyoming
Harold Bergman (ex officio)	Director, School and Institute of Environment and Natural Resources

The council held its first meeting on 10-11 August 2006, in Laramie. Significant actions included:

- The election of Ron Harper as chair and Tom Lockhart as vice chair,
- Formal approval of the academic plan submitted on 1 October 2005, reserving the right to amend the plan.

This second action allowed UW to begin spending the \$12.1 million authorized by the legislature for the 2007-2008 biennium. The council also recommended that UW appoint an interim director for the SER.

Minutes of the meeting appear as Appendix A to this report.

## **2. Interim Director**

At the request of Dr. Myron Allen, UW's Vice President for Academic Affairs, Dr. Carol Frost has agreed to serve as Interim Director of the SER. Dr. Frost holds the rank of Professor in UW's Department of Geology and Geophysics. Her expertise is in isotope geochemistry, a field that has allowed her to develop recognized research programs in the origins of Wind River and Teton Mountains as well as in the geochemistry of coalbed methane water in Wyoming. She also has a distinguished record as a teacher, having received UW's Ellbogen Award for Meritorious Classroom Teaching and having been named the CASE Wyoming Professor of the Year in 2001. She joined the UW faculty after earning an AB from Dartmouth College and a PhD from Cambridge University.

The UW Board of Trustees approved this appointment at their September 16 business meeting.

## **3. Academic Coordinator**

Dr. Andy Hansen, Professor of Mechanical Engineering, has agreed to serve as Academic Coordinator for the School during FY 2007. Dr. Hansen has a broad scientific background that will allow him to interact with numerous faculty colleagues performing energy-related research at UW. He has specific expertise in the solid/fluid mechanics of heterogeneous materials including applications in heat and mass transfer in porous media as well as failure analysis of high performance composite materials. He is an outstanding teacher, having won an Ellbogen Award for Meritorious Classroom Teaching as well as being named the CASE Wyoming Professor of the Year in 1993. Professor Hansen also currently serves as the UW representative on the state's Education Merit Scholarship Committee charged with developing the Hathaway Scholarship Program.

Professor Hansen is examining future curricular needs for the School of Energy Resources, establishing summer programs for undergraduate students as well as high school students and teachers, and working to strengthen connections with Wyoming high schools and community colleges. He is also diligently working to meet all UW faculty members involved in energy-related research in an effort to facilitate interdisciplinary interactions for the SER. Appendix B contains a summary of Dr. Hansen's activities as Academic Coordinator, particularly as they relate to summer 2007 programs.

## **4. Faculty Steering Committee**

Shortly after the 2006 legislative session, UW's Vice President for Academic Affairs appointed a 10-member faculty steering committee, to help guide decisions about the SER during the first few months of

implementation. The following is a list of steering committee members, along with their departmental affiliations:

Dr. Morris Argyle	Chemical & Petroleum Engineering
Dr. Carol Frost	Geology & Geophysics
Dr. Fred Furtado	Mathematics
Dr. Steve Holbrook	Geology & Geophysics
Dr. Owen Phillips	Economics & Finance
Dr. Mohammad Piri	Chemical & Petroleum Engineering
Dr. Katta J. Reddy	Renewable Resources
Dr. Dean Roddick	Chemistry
Dr. Dan Stanescu	Mathematics
Dr. Jim Steidtmann	Institute for Energy Research

This committee was responsible for developing a position description for the Director of SER, the review of proposals for the first four distinguished faculty positions, the crafting of a first-year spending plan for the budget, and the development of an international colloquium series on energy resource science (see below), to help in the recruitment of outstanding candidates for faculty positions and the director's position.

## 5. Search for Director

An international search is under way for a permanent director for SER. The position announcement appears in Appendix C. Dr. Frost has agreed to chair the search committee.

The search will be comparable in scope to that normally undertaken to hire college-level deans, with significant efforts to recruit outstanding applicants from industry, academia, and national laboratories. University searches of this scope and level of importance typically take six to eight months to complete; however, UW will make every effort to complete the search more quickly if possible.

## 6. Distinguished Faculty Positions

Based on proposals submitted by college deans and on the prospects for building rapidly on existing faculty strengths at UW, UW's Vice President for Academic Affairs has authorized international searches for four distinguished faculty members, in the following areas:

- Geology and Geophysics: reservoir characterization and rock physics
- Chemical and Petroleum Engineering: coal conversion technologies
- Economics and Finance: energy markets and economics
- Mathematics: numerical modeling of reservoir fluid flows.

These searches will be at the full professor rank and will include vigorous efforts to recruit outstanding energy-related teachers and researchers from industry, academia, and national laboratories.

These positions are critical to the teaching mission of SER, since they will provide the scientific vision needed to weave together concepts and experts from many different disciplines. Ideally, the staging of these searches will allow time for the new director to have a strong voice in the filling of these positions.

## 7. International Colloquium Series

To enhance the SER's visibility and to facilitate the recruitment of outstanding candidates for the directorship and for the first four distinguished faculty positions, the SER will sponsor a year-long colloquium series in energy-related science, engineering, and economics. The series will bring to UW a set of internationally recognized experts in these fields, to give lectures, to stimulate interdisciplinary research, and to help identify potential candidates for the open positions. The following is a summary of the colloquium schedule for Fall 2006:

18 September: Dr. Zhangxin (John) Chen, Southern Methodist University (oil reservoir modeling)  
16 October: Dr. Sally Benson, Lawrence Berkeley Labs (carbon sequestration)  
23 October: Dr. Richard Boardman, Idaho National Lab (coal gasification and liquefaction)  
(To be scheduled): Ms. Judi Johansen, PacifiCorp, retired (electric power generation)

#### **8. Web site**

UW has established a web site (<http://www.uwyo.edu/SER/>) containing information about the SER and providing a vehicle for rapid updates.

## **APPENDIX A: MINUTES OF THE UW ENERGY RESOURCES COUNCIL, 10-11 AUGUST 2006**

### Council members present:

Ron Harper – CEO and General Manager of Basin Electric Power Cooperative (Council Chairman)  
Representative Tom Lockhart (Council Vice Chairman)  
Mark Davies – General Manager, Rio Tinto Energy America  
Senator Bill Hawks  
Paul Lang – President of Western Operations, Arch Coal Inc.  
Bobby Shackouls – Chairman (retired), Burlington Resources Inc.  
Tom Stroock – CEO, Alpha Development Corp; former US Ambassador  
Keith Rattie – Chairman, President & CEO, Questar Corporation  
Rob Wallace- Manager of Government Relations, GE Energy  
Ex officio, UW President Tom Buchanan  
Ex officio, RIENR Director Harold Bergman

The Council convened at approximately 8:00 a.m. on August 10, 2006, at the University of Wyoming Centennial Complex.

### **Welcome and Introductory Remarks**

UW Vice President for Academic Affairs Myron Allen welcomed the Council members and asked the audience to introduce themselves.

President Buchanan thanked the Council members for agreeing to serve on the Council and noted that the School of Energy Resources (SER) initiative received substantial support from the Governor and the Legislature. Buchanan explained that the link between UW's strong geology and geophysics and engineering units will aid in the success of SER and that UW has a significant commitment to the state in this endeavor. Buchanan stated that SER must be connected to industry in the state and guidance from the Council is needed to steer the School in the right direction.

UW Board of Trustees President Richard Davis also welcomed council members.

Speaking on behalf of the Legislature, Senator Hawks, Cochairman of the Joint Minerals, Business and Economic Development Interim Committee, reviewed the legislative history behind the SER enabling legislation that resulted in the appointment of the Council. Representative Lockhart, Cochairman of the Joint Minerals, Business and Economic Development Interim Committee echoed Senator Hawks' remarks and thanked Vice President Allen for all of his work on the development of the SER.

### **History and Concept of the School of Energy Resources**

Vice President Allen commented that the SER was aligned with the mission of the University of Wyoming and provided a brief history of the development of the SER and the institutional setting at UW which included UW's mission and structure, academic organization and planning, role of the faculty, academic hiring cycles and facilities. Allen's power point is attached as Appendix A to these minutes.

The Council discussed the EOR Commission, its membership and the extent of its authority over Dr. Jim Steidtmann, Director of the Enhanced Oil Recovery Institute (EORI), who is appointed by and reports to Vice President Allen.

### **Overview of the Enabling Legislation & Logistics**

UW Vice President for Governmental, Community and Legal Affairs Rick Miller provided an overview of the enabling legislation and briefed the Council on logistics and statutes applicable to the Council, including Wyoming open meetings laws and the public records act, as well as the appropriation for the SER. The Council meetings are to be open to the public subject to limited exceptions, and the Council may hold meetings by conference call or over the Internet.

## **Institutional Setting**

Vice President Allen introduced Dr. Terry Roark, Interim CEO, Western Research Institute (WRI), and the Council discussed the WRI mission.

Allen provided a briefing on the UW institutional setting, including academic planning. A copy of his power point presentation is attached as Appendix B to these minutes. It was stressed that at UW, every faculty member teaches, without exception.

## **UW Research Enterprise**

UW's Vice President for Research and Economic Development, Bill Gern, provided a briefing on the University's research enterprise. A copy of his power point is attached as Appendix C to these minutes.

President Buchanan commented that he has authorized Gern to hire another Associate Vice President to address the increasing workload in the economic development area.

The Council discussed carbon sequestration generally and the possibility of working toward developing a national carbon dioxide reserve. The Council discussed the notion of considering Coal Bed Methane (CBM) water as a commodity, similar to carbon dioxide.

Council member Keith Rattie joined the meeting during the discussion on the UW research enterprise.

Ex officio Council member Harold Bergman, Director of the Ruckleshaus Institute of Environment and Natural Resources (RIENR) provided an overview of the history and mission of RIENR. He noted that RIENR intends to partner with SER extensively.

Lockhart commented that several legislators had experiences with the Ruckelshaus Institute and believed that having Director Bergman on the advisory council would lead to a stronger SER.

Allen stated that RIENR and SER will be distinct but collaborating operations at UW. UW faculty members will be involved in both schools.

## **Governor's Remarks**

Governor Dave Freudenthal and Energy and Telecommunications Policy Analyst Rob Hurless joined the Council. Governor Freudenthal expressed his appreciation to the Council members for their willingness to serve and urged them to consider the potential and future for the school. With seven council appointments to make, Governor Freudenthal indicated he appointed three members from the oil and gas industry, two from the coal industry and one that is involved with the electric generation and transmission industry as he wanted all aspects of the energy industry to be represented.

Board of Trustees President Davis emphasized that the Trustees want to listen as well as take advice and direction on how the school will come together. The School of Energy Resources is the highest priority on campus today and it is important to have the expertise that the Council brings to the School. President Buchanan wants UW to assume a larger leadership role in workforce development and addressing state needs. The Council will provide valuable direction to UW as SER is established.

Governor Freudenthal discussed his vision for the SER to raise Wyoming's level of involvement with the energy industry. He expressed his expectation that the Council would be a working board that gave direction to the School, and these were not honorary appointments.

The Council discussed measuring progress and identified that SER should produce the kinds of graduates that energy companies want to recruit aggressively, and that when technological questions arise, UW should come to mind as the first resource for answers.

Governor Freudenthal asked the Council to take the ideas for the School of Energy Resources and evaluate them to see if they make sense. He reminded the Council and the University that they need not spend SER funding today if they are not comfortable. There is a sense of urgency with the SER, but there is no obligation to approve anything until the Council has had an opportunity to review the plans, express their views and provide direction. He stressed the importance of the director search the need for thoroughness. He commented that it is a great time to be the Governor of a commodity state and concluded by stating, "Let's build a better America."

President Buchanan briefly discussed SER fundraising efforts and the availability of state matching funds for a facility for SER. The Council discussed the process for hiring a director for the SER.

The Council adjourned at approximately 5:00 p.m.

### **Friday, August 11, 2006**

#### Council members present

Ron Harper – CEO& General Manager, Basin Electric Power Coop, (Council Chairman)

Representative Tom Lockhart (Council Vice Chairman)

Mark Davies – General Manager, Rio Tinto Energy America

Senator Bill Hawks

Paul Lang – President of Western Operations, Arch Coal Inc.

Keith Rattie – Chairman, President & CEO, Questar Corporation

Tom Stroock – CEO, Alpha Development Corp; former US Ambassador

#### Council members absent

Bobby Shackouls – Chairman (retired), Burlington Resources Inc.

Rob Wallace- Manager of Government Relations, GE Energy

The Council convened at approximately 8:00 a.m.

### **Election of Officers**

Representative Lockhart nominated Ron Harper to serve as Chairman of the Council. Senator Hawks seconded the nomination. Ambassador Stroock moved that nominations cease and the council cast a unanimous ballot. The motion passed unanimously.

Senator Hawks nominated Representative Lockhart as Vice Chairman. Rattie seconded the nomination. Stroock moved that nominations cease and the Council cast a unanimous ballot. The motion passed unanimously.

### **Approval of the Academic Plan**

Senator Hawks moved that in accordance with 2007 Wyoming Session Laws, Chapter 69, Section 2, that the University of Wyoming Energy Resources Council approve the academic plan for the School of Energy Resources as contained in the University's October 1, 2005 Academic and Financial Plan prepared for the Joint Minerals, Business and Economic Development Interim Committee of the Wyoming Legislature. However, this approval is conditioned upon and subject to the Council's right, which it hereby reserves, to consider and approve modifications to the plan in the future. Lang seconded the motion.

Rattie commented that he supported the motion on the floor, but would like to cite for the record that in the plan there may not enough emphasis on unconventional gas technology. He cited not just coal bed methane resources, but also tight gas and shale, which are abundant in this state, most of which are uneconomical to recover with today's technologies. The motion passed unanimously.

The Council discussed scheduling the next meeting. Allen pointed out that a report is due to the legislature on October 1 and suggested that meeting in about six weeks would accommodate that schedule. The Council agreed that the University would poll the Council to determine a suitable date for the next meeting.

### **Search Plan for SER Director**

Vice President Allen provided an overview of the search plan for the director. A copy of his power point is attached as Appendix D to these minutes.

The Council discussed the proposed nine-month time line for the director search, which is similar to that undertaken for a college dean or senior faculty member, regarding which UW has substantial experience. The Council indicated a desire to balance the objectives of being thorough and inclusive, including identifying candidates from industry, but ensuring that a thoughtful selection was made and that the person selected would be successful in the position. The Council also discussed the possibility of an interim director.

Stroock moved that the council authorize the administration of the University of Wyoming to recruit an interim director, approve the proposed timeline to recruit a full time director position, and provide that persons from academia and industry will be eligible to be in the recruitment pool. Rattie seconded the motion. After discussion, the motion passed unanimously.

### **Discussion of SER Director Job Announcement**

Vice President Allen briefed the Council on a draft job announcement for the SER Director. His power point is attached as Appendix E to these minutes.

The Council discussed the draft and issues including the extent to which SER funding is stable, the relationship of the Director to the Council, whether the Director would be required to teach or whether teaching experience is a preferred qualification, and whether fundraising and development responsibilities should be referenced in the job description. Vice President Allen confirmed that he would take the Council's comments into consideration as the recruitment process moved forward.

### **Discussion of Faculty Hiring**

Vice President Allen briefed the Council on the faculty hiring process and the specific positions targeted in the first year. His power point is attached as Appendix F to these minutes.

The Council discussed the faculty hiring process, including existing University strengths in energy-related disciplines, a list of the current faculty chairs at the University by discipline, the need to establish a truly distinctive school, assurance that these new positions would complement and coordinate with current faculty to develop a network of resources, that the initial faculty hiring would focus more on existing UW strengths, but that subsequent hires might be in other disciplines, and that positions would be qualified to address energy issues that might take years to resolve, e.g. gas trapped in tight sands.

College of Engineering Dean Gus Plumb described three principles that guided the identification of the first four faculty positions to be filled:

1. Avoid hiring in a discipline where UW had no existing expertise.
2. Ensure that disciplines relate to energy issues that are of critical importance to Wyoming, e.g. coal research.
3. Identify disciplines where there is national interest to enhance the capability to compete for external funding.

Hawks noted there was an attempt in the legislature to include uranium and other resources in the legislation, but it was rejected. Uranium as such was certainly not rejected, and should be a topic that SER addresses.

President Buchanan indicated that by approving the academic plan, the Council has given UW the formal action that was needed to move forward with the hiring process for the initial faculty positions, and no further formal Council is required. UW will consider and be directed by the Council's discussion as it pursues the recruitment of the four faculty described.

### **Academic Coordinator's Plan**

Dr. Andy Hansen, Professor of Mechanical Engineering, has agreed to serve as the Academic Coordinator for SER for the coming year. Hansen briefed the Council on the Academic Coordinator's plan for the coming year. His power point is attached as Appendix G to these minutes.

The Council discussed the Academic Coordinator's plan, including SER's participating in existing summer institutes, and expanding them, for K-12 students and teachers, how the curriculum is developed in University academic departments, and the Haub School of Environment and Natural Resources as a model for the interdisciplinary efforts pursued by SER.

### **SER Fundraising and Development Plans**

UW Vice President for Institutional Advancement, and UW Foundation CEO, Ben Blalock noted that Exxon focused their television advertising for the Masters Golf Tournament on its relationship with the Stanford School of Energy. There is clearly an opportunity for SER to collaborate with corporate sponsors. He briefed the Council regarding fundraising activities, including discussions with EnCana with the involvement and support of the Governor, the State of Wyoming's endowment and academic facilities matching programs which have been extremely successful and continue to be funded by state government, and that fundraising for SER is the University's top development priority, including a \$40 million facility to house it. There will be a meeting with the Governor in Cheyenne with energy industry corporate leaders regarding support for SER, and he asked that the Council be represented there.

Senator Hawks nominated Council member Shackouls to be the contact between the UW Foundation and the Council. Representative Lockhart seconded the motion, and the motion passed.

### **SER Budget**

Vice President Allen briefed the Council on the SER's budget. His power point is attached as Appendix H to these minutes.

The Council discussed the SER budget including confirming that there were adequate funds to hire an interim director if necessary, the need to fund start-up expenses of new hires, the expectation that UW provide a status report on the SER budget at each Council meeting, that the budget is part of the block grant but must be accounted for separately, and that funds could be carried forward to a subsequent biennial budget period.

Council member Rattie departed the meeting during the budget discussion.

Chairman Harper thanked the Council for its vote of confidence in electing him Chairman. He indicated his management philosophies are communicate, communicate, communicate. He observed that the council has been charged by the governor and the legislature to help the university be successful in establishing and operating SER.

The meeting adjourned at approximately 10:30.

Respectfully submitted,  
Ron Harper, Chairman

## APPENDIX B: SUMMARY OF ACADEMIC COORDINATOR'S PLANS

As of 1 September 2006, two academic summer programs for 2007 are being developed by the School of Energy Resources. The first program represents collaboration between the SER and the Department of Chemistry in a proposal to the National Science Foundation to make UW a Research Experience for Undergraduates (REU) site for: "*Chemistry Research Related to Energy Science*." The REU program is a highly successful (and competitive) national program to attract undergraduate students from around the country to a specific university for the purpose of providing these students with an intensive, high quality research experience. The program goal is to encourage REU participants to pursue related science/engineering careers in industry or continue on to graduate school.

The current REU proposal from the Department of Chemistry outlines a program to bring 10 undergraduate students from neighboring colleges to UW for each of the next three summers to work on outstanding problems related to energy science and energy resource development. Educational activities will include hands-on research on projects related to the development of clean and renewable energy sources, energy-related field trips, and scientific seminars and discussions of the chemistry research needed for a sustainable energy plan for the nation.

The School of Energy Resources has partnered with the Chemistry Department REU proposal by committing to fund an additional five UW undergraduates to the program for the summer of 2007, bringing the total undergraduate research group to 15. If the REU proposal is not funded by NSF, the SER will work with the Chemistry Department to get an independent REU start-up program running in the summer of 2007, again with SER funding for five UW undergraduates. We should be able to use this program as a powerful primer for another run at the NSF/REU program. The SER will continue to seek synergistic collaborations with departments across the University. We hope the Chemistry REU can be used as a guidepost for these collaborations.

A second SER summer program for 2007 is designed to expose high school students as well as teachers and counselors from across the state to careers in energy science. Specifically, we intend to bring 16 rising high school sophomores and 4 teachers/counselors to UW for an Energy Summer Institute. The length of the institute is planned for 2 weeks and is tentatively scheduled to run from June 10-23.

Participants in the Energy Institute will be split into two groups of 10. Two UW faculty members working in the energy sciences will be responsible for developing and delivering intense two-week courses to each of the groups. Classes will be scheduled Monday through Thursday of each week with Fridays being reserved for field trips and other group activities. The specific course content for the summer institute will be faculty-dependent but preferred topics for this inaugural session are those that are related to current or proposed future energy research centers at UW including:

- Enhanced oil recovery.
- Coalbed natural gas.
- Coal conversion technologies.
- Renewable energy, CO<sub>2</sub> capture and storage, and other topics related to sustainability.

The intent of the energy institute is to fire the imagination of high school students related to the challenging energy problems facing the nation while exciting teachers and counselors about the energy industry and the SER, thereby motivating them to bring this information back to high school classrooms across the state.

## **APPENDIX C: POSITION ANNOUNCEMENT FOR SER DIRECTOR**

### **Director University of Wyoming School of Energy Resources**

The University of Wyoming School of Energy Resources is a newly founded academic unit dedicated to energy-related teaching and research and dissemination of scientific, engineering and economic information to support energy-related activities of relevance to the state and nation. With new annual funding from the Wyoming Legislature, the School provides an outstanding opportunity for a visionary leader to build an interdisciplinary organization that will address the globally critical field of energy resources in a higher education setting.

The School of Energy Resources has three dimensions: 1) education, 2) research, and 3) outreach and service. The School has permanent funding for up to 12 distinguished professorships, to be allocated by the Director in an array of academic disciplines. Funding is also available for year-long distinguished visiting professorships, to be selected by the Director. Together with faculty from other academic departments, these faculty members will offer curriculum leading to interdisciplinary degrees in energy science and certificate programs in energy-related fields. The research arm of the School includes the Institute for Energy Research, which currently houses the Enhanced Oil Recovery Institute and which will establish other research centers related to the energy economy. An Energy Outreach Center will respond to the needs of Wyoming industry groups and state agencies for state of the art information about energy resources and technologies. For more information about the School, please visit <http://www.uwyo.edu/SER/>.

The Director will report to the Vice President for Academic Affairs. We seek an energetic leader with proven scientific and administrative skills who will work with the faculty in related academic units, who will develop the School of Energy Resources to its full potential as one of the world's top institutions in energy resources, and who will represent the School effectively to the university administration, to the energy industry, to state and national political leadership, and to the public.

Preferred qualifications include: 1) an earned doctorate; 2) an internationally recognized record of teaching and research in energy-related fields; 3) administrative experience that demonstrates vision, managerial ability, and communication skills; 4) the creative leadership needed to create synergy with other university programs and with industry; and 5) a commitment to integrating academics, research excellence, and the outreach mission of the School.

Applications should include a letter describing the applicant's qualifications and experience related to the position. Applicants should also include a curriculum vitae. For finalists, the search committee will ask for the names and addresses of three references. Review of applications will begin in November 2006, but applications will be accepted until the position is filled. The University of Wyoming is an equal opportunity - affirmative action employer with an institutional commitment to diversity. We encourage women and members of under-represented groups to apply.

Please send applications and nominations to:

SER Director Search, c/o Dr. Myron B. Allen  
Vice President for Academic Affairs  
University of Wyoming  
1000 E. University Ave. Dept. 3302  
Laramie, WY 82071