November 14, 2012

MEMORANDUM

TO: David W. Reed, Associate Dean for Graduate Programs
   College of Agriculture & Life Sciences

FROM: Stephen W. Searcy
       Professor and Department Head

SUBJECT: Graduate Faculty Nomination

Enclosed herewith is the documentation nominating Dr. Zhuping Sheng to the Graduate Faculty.

Please note that also attached is the approval naming him an Associate Member in 2006. We are proposing to change his status to Member.

Please call if you have questions or need additional information.

SWSs
Attachments
Nominating Department: Biological & Agricultural Engineering

Name of Nominee: Zhuping Sheng

Department of Nominee: Biological & Agricultural Engr.

Date of Appointment to Texas A&M: 2001

Location (if not on campus): El Paso, Texas

Academic Rank or Position Title: Associate Professor, Texas A&M AgriLife Research Center at El Paso

Tenured or Tenure Track: Yes

Gender: Male

Membership Type: Member

Student Name: ____________________________ Student UIN: ____________________________

Course Number: ____________________________ Semester: ____________________________

Educational Background (Please specify advanced degrees received)

<table>
<thead>
<tr>
<th>Degree</th>
<th>Institution</th>
<th>Date Awarded</th>
<th>Major Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ph.D.</td>
<td>University of Nevada</td>
<td>1996</td>
<td>Hydrology/Hydrogeology</td>
</tr>
<tr>
<td>B. Eng.</td>
<td>Tongji University, Shanghai, China</td>
<td>1983</td>
<td>Hydrogeology/Engineering Geology</td>
</tr>
</tbody>
</table>

Signature Requirements:

The Department Head signature is required on all requests. The Graduate Instruction Committee Chair and Dean of College signatures are required on all requests for Associate Membership, Adjunct Membership, and on all requests for Membership for non-tenure track faculty or staff (with the exception of requests for special appointment, which require the signature of the Department Head only).

Approval Recommended:

Head of Department: ____________________________ Date: 1/14/12

Graduate Instruction Committee Chair: ____________________________ Date:

Dean of College: ____________________________ Date:

Associate Provost for Graduate Studies: ____________________________ Date:

Revised 1/12
Summarized from the Vita, present evidence that

(a) the nominee Shuiping Sheng

(1) has taught a graduate class, or

<table>
<thead>
<tr>
<th>Title</th>
<th>Institution</th>
<th>When/Times Taught</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(2) has actively served on a graduate student's advisory committee, or

<table>
<thead>
<tr>
<th>Student</th>
<th>Institution</th>
<th>Degree</th>
<th>Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alyson McDonald</td>
<td>Texas A&amp;M University</td>
<td>PHD</td>
<td>Water Management &amp; Hydrologic Sciences</td>
</tr>
</tbody>
</table>

(3) has held a definite administrative assignment in the graduate program of a university; and that

(b) the nominee has published a scholarly work as primary author (or, in the case of a professional discipline, has exhibited appropriate evidence of professional accomplishment). (Most notably list refereed scientific articles as primary author.)

see attached list
Zhuping Sheng Publications

Peer-Reviewed Journal Articles:


**Books or Chapters:**


Nominating Department: Biological & Agricultural Engineering
Mail Stop: 2117

1. Name of Nominee: Zhuping Sheng

2. Department of Nominee: Biological & Agricultural Engineering

3. Academic Rank or Position Title: Assistant Professor

4. Date of Appointment to Texas A&M University: April 2001

5. Location (if not on campus): Agricultural Research & Extension Center, El Paso

6. UIN (if TAMUS): 402-00-6060 SSN (if not TAMUS): __________

7. Tenured or Tenure Track: [ ] Yes [ ] No

8. Gender [ ] Male [ ] Female

9. Membership Type (check one)
   [ ] Member
   [ ] Associate Member
   [ ] Adjunct Member
   [ ] Special Appointment – Please include the purpose of the appointment (i.e. specific student's NAME and UIN or specific course and semester)
   Student Name: ___________________________ Student UIN: ___________________________

10. Educational Background (Please specify advanced degrees received)
    
    | Degree | Institution | Date Awarded | Major Area          |
    |--------|-------------|--------------|---------------------|
    | Ph.D.  | University of Nevada, Reno | 1996         | Hydrology/Hydrogeology |
    | M.Sc.  | Chinese Academy of Sciences | 1987         | Engineering Geology   |
    | B.Eng. | Tongji University, Shanghai | 1983         | Hydrogeology          |

Signature Requirements:
The Department Head signature is required on all requests. The Graduate Instruction Committee Chair and Dean of College signatures are required on all requests for Associate Membership, Adjunct Membership, and on all requests for Membership for non-tenure track faculty or staff (with the exception of requests for special appointment, which require the signature of the Department Head only).

Approval Recommended:

[Signature]
Head of Department

[Signature]
Graduate Instruction Committee Chair

[Signature]
Dean of College

[Signature]
Dean of Graduate Studies

Revised 08/05
Zhuping Sheng, Ph.D., P.E., P.HG.
Texas AgriLife Research Center at El Paso, Texas A&M System
Department of Biological and Agricultural Engineering, TAMU
1380 A&M Circle, El Paso, TX 79927
(915) 859-9111 ext. 233; Fax: (915) 859-1078
E-mail: zsheng@ag.tamu.edu

I. EDUCATION
Ph. D. Hydrology/Hydrogeology, Minor in Geological Engineering, 1996
University of Nevada, Reno, Nevada, USA
Institute of Geology, Chinese Academy of Sciences, Beijing, China
Tongji University, Shanghai, China

II. EMPLOYMENT HISTORY
Associate Professor, Department of Biological and Agricultural Engineering (BAEN), Texas A&M University, Texas AgriLife Research at El Paso, TX, 2007 – present
Assistant Professor, Department of Biological and Agricultural Engineering (BAEN), Texas A&M University, Texas Agricultural Research and Extension Center, El Paso, TX, 2001 – 2007
Adjunct Professor, Institute Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Beijing, China, 2007-2009
Adjunct Professor, Department of Civil, Agricultural and Geological Engineering, New Mexico State University, Las Cruces, New Mexico, 2004 - present
Hydrogeologist, El Paso Water Utilities, El Paso, TX, 1998 - 2001
Visiting Assistant Professor/Post Doctoral Fellow, Department of Civil Engineering, Morgan State University, Baltimore, Maryland, 1997 – 1998
Assistant Professor, Institute of Geology, Chinese Academy of Sciences, Beijing, China, 1989 – 1991
Research Assistant, Institute of Geology, Chinese Academy of Sciences, Beijing, China, 1983 - 1988

III. PROJECTS AND FUNDING
A Hydro-Econometric Analysis of Producer Water Use and Aquifer Hydrology in the Texas High Plains, U.S. Department of Agriculture -CSREES, PI; Team with Texas Tech University
Development of RiverWare model of the Rio Grande for water resources management in the Paso Del Norte watershed, U.S. Army Corps of Engineers, PI
Assessment of snowmelt and runoffs in an inland river in an arid region in response to climate changes, National Science Foundation of China, Ministry of Human Resources and Social Security, Xinjiang Water Resources Bureau, Co-PI.
Crop water conservation system in arid regions, 948 Projects, Ministry of Water Resources, China, Technical advisor.
Economic assessment of Rio Grande salinity, U.S. Army Corps of Engineers, Co-PI
Evaluation of irrigation efficiency strategies for Far West Texas: Feasibility, water savings and cost considerations, Texas Water Development Board, Co-PI
Groundwater and surface water interaction and conjunctive uses in the Qiadam Basin – case study at the Xiangride-Qiadam River, Institute Geographical Sciences and Natural Resources Research, Chinese Academy of Sciences, Co-PI.
Membrane treatment of impaired irrigation return and other flows for creating new sources of high quality water, AWWARF, U.S. Bureau of Reclamation & El Paso Water Utilities, Co-PI
Installation of river and drain instrumentation stations to monitor flow and water quality and internet data sharing, sponsored by USBR, EPWU and TAES: PI.
Evaluation of alternatives for improvement of water delivery efficiency, hydrological modeling of the Rio Grande basin (Soil and Water Assessment Tool), and decision support system for irrigation district management (Rio Grande Basin Initiative on Irrigation Efficiency, USDA): Co-PI.
Integrated management strategies to protect and conjunctively use water resources in the Paso Del Norte Region (USDA Hatch Project): PI.
Saltcedar control and water uses studies and monitoring; watershed protection plan development for the Pecos River, PI, C. Hart, sponsored by USEPA and Texas State Soil and Water Conservation Board; Co-PI.
The use of reclaimed effluents and salty groundwater as irrigation sources for cotton culture and vegetable production; the Texas Cotton Incorporated and USBR; PI.
Regional water resources plan for the Far West Texas (Senate Bill 2, TWDB): Co-PI.
Water conservation through reuse of gray water (USBR): Co-PI.
Seepage losses and water salvage by canal lining (TWRI, USBR and El Paso County Water Improvement District No. 1): PI

IV. SELECTED PUBLICATIONS

Sheng CV-2


V. HONORS AND AWARDS


Sheng CV-3
Vice Chancellor’s Award in Excellence Research Team for the Rio Grande Basin Initiative, TAMU Agriculture Program, 2006.

VI. PROFESSIONAL ACTIVITIES AND LICENSES
Invited Committee Member, Advisory Committee on Sustainable Underground Storage of Recoverable Water, National Academy of Sciences, National Research Council, Water Science and Technology Board; 2005-06.


President-Elect (2011), Association of Oversea Chinese Agricultural, Biological and Food Engineers.
Chair, AWRA International Affairs Committee, 2011 - present.
Chair of Technical Committee on Aquifer Storage and Recovery (ASR); American Water Resources Association (AWRA); 2002-03
American Society of Civil Engineers (ASCE), Environmental and Water Resources Institute Chair (2011-2013) and Vice Chair (2009-2011), Committee of Groundwater Hydrology.
Award Committee Member, the Groundwater Council, 2008–2010.


Basin and Bay Expert Science Team (BBEST) for upper Rio Grande, TCEQ, 2011 – present
Executive Member, Paso del Norte Watershed Council (PdNWC), 2002-present

Outstanding Research Fellow, Ministry of Human Resources and Social Security and Oversea Chinese Scholars Committee of Xinjiang Bureau of Human Resources and Social Security, Urumqi, China, 2010-2012.
Outstanding Research Fellow, Collaborative research on hydrologic cycle in arid region; sponsored by Institute of Geographical Sciences and Natural Resource Research, Chinese Academy of Sciences and Institute of Water Resources and Hydropower, Qinghai Province. 2007-2009.


Expert Testimony: Hydrologic impacts review in support of protest of the New Mexico Office of State Engineering water rights application No. 4830: The City of Albuquerque proposal to divert surface water from the Rio Grande; William J. Miller Engineers and Peter Thomas White, Attorney; Santa Fe, New Mexico, 2002.

Professional Engineer License in Texas (87496) since 2001.
Professional Hydrogeologist, National Registration (1656), American Institute of Hydrology since 2005.

Sheng CV-4