

# Senior Researcher

## Level C



THE UNIVERSITY  
of ADELAIDE

### SELECTION CRITERIA

#### POSITION DETAILS

School/Branch: Australian School of Petroleum .....

Classification: Level C Senior Researcher .....

#### ESSENTIAL MINIMUM CRITERIA

- 1 A PhD in geoscience, engineering or physics or equivalent experience.
- 2 Petroleum industry experience and/or a track record that demonstrates successful collaboration with the petroleum industry.
- 3 Nationally recognised research on unconventional hydrocarbon resources recovery with an ability to write high quality research project proposals to secure grants from competitive schemes and/or industry sponsorship.
- 4 Good publication record (relative to opportunity) as demonstrated by high quality publications in peer-reviewed journals or in technical reports.
- 5 Ability and desire to engage in co-operative research in unconventional resources with students and staff members of the University of Adelaide and other research organisations and an ability to work well with industry and government partners.
- 6 Ability to supervise postgraduate students (Honours, Masters and PhD) to completion.
- 7 Proven ability to communicate clearly and effectively in English - good writing skills (e.g. technical reports or journal publications) and good oral communications (e.g. teaching, seminars, or conference presentations).
- 8 Willingness and ability to carry out administrative duties effectively and efficiently.
- 9 Ability to provide academic leadership and foster excellence in research and service to the University and beyond – particularly in developing and maintaining collaborative relationships with other Australian and international researchers.

#### DESIRABLE CHARACTERISTICS

- 1 Research experience related to shale gas (and liquids), deep tight formations and/or deep coal.
- 2 Track record in geomechanics and/or experience using computational modelling tools for geomechanics.
- 3 Ability and willingness to perform industry consulting (including delivery of intensive-format courses) in topics aligned with area of research.

<b>Approvals:</b> Head of School / Branch Manager	Head of School / Branch Manager Name: Signature: Date:
<b>Acknowledgement of Incumbent</b>	I have read and understood the requirements of the position Name: <i>(please print)</i> Signature: Date:

# Associate Professor - Research Level D



## SELECTION CRITERIA

### POSITION DETAILS

School/Branch: Australian School of Petroleum .....

Classification: Level D Associate Professor - Research .....

### ESSENTIAL MINIMUM CRITERIA

- 1 A PhD in geoscience, engineering or physics.
- 2 Petroleum industry experience and/or a track record that demonstrates successful collaboration with the petroleum industry and taking research outcomes through to practical applications.
- 3 Internationally recognised research on unconventional hydrocarbon resources recovery with experience in writing high quality research project proposals to secure grants from competitive schemes and/or industry sponsorship.
- 4 Outstanding publication record (relative to opportunity) as demonstrated by high quality publications in international peer-reviewed journals
- 5 Ability and desire to engage in co-operative research in unconventional resources with students and staff members of the University of Adelaide and other research organisations and an ability to work well with industry and government partners.
- 6 Ability to supervise postgraduate students (Honours, Masters and PhD) to completion.
- 7 Proven ability to communicate clearly and effectively in English - good writing skills (e.g. technical reports or journal publications) and good oral communications (e.g. teaching, seminars, or conference presentations).
- 8 Willingness and ability to carry out administrative duties effectively and efficiently.
- 9 Proven ability to provide strong academic leadership and foster excellence in research and service to the University and beyond – particularly in developing and maintaining collaborative relationships with other Australian and international researchers.

### DESIRABLE CHARACTERISTICS

- 1 Research experience related to shale gas (and liquids), deep tight formations and/or deep coal.
- 2 Track record in geomechanics and/or experience using computational modelling tools for geomechanics.
- 3 Ability and willingness to perform industry consulting (including delivery of intensive-format courses) in topics aligned with area of research.
- 4 History of engagement with, and service to, relevant professional or scientific societies.

<b>Approvals:</b> Head of School / Branch Manager	Head of School / Branch Manager Name: Signature: Date:
<b>Acknowledgement of Incumbent</b>	I have read and understood the requirements of the position Name: <i>(please print)</i> Signature: Date: