

Rising Stars

UNSW Minerals and Energy
Resources Engineering
Recognising Outstanding
performances of 2020



UNSW
SYDNEY



Message from Head of School

The School of Minerals and Energy Resources Engineering is an incredible place of advanced academic learning and creative research. The School prides itself in producing exceptional graduates who are sought after both locally and globally.

Both the disciplines of Mining and Petroleum Engineering at UNSW are Australia's longest standing undergraduate and postgraduate industry training programs, serving both Australian and international students.

Our students receiving these awards have a very bright future ahead of them. UNSW Engineering and the School of Minerals and Energy Resources Engineering has the highest entry standards in Australia and the students we are recognising are therefore among the brightest.

The last 18 months of the pandemic have been very difficult for many of our students and I have been inspired by their continued achievements. Please join me in congratulating all of our award winners for achieving outstanding performances in courses in 2020.

Ismet Canbulat
Head of School

Professor and Chair of Rock Mechanics
UNSW Minerals and Energy Resources Engineering



"Congratulations to the students and we look forward to seeing them build on their achievements."

Ismet Canbulat
Head of School

UNSW Minerals and Energy Resources Engineering Awards

Mining Discipline

William Lewis

- > The Roxborough Prize For the best performance in Year 1 in Mining Engineering in 2020

Phoebe Diana McAuliffe

- > The New South Wales Minerals Council Prize for Best Overall Performance (or Proficiency) Year 2 For the best overall performance in Year 2 of the Bachelor of Engineering in Mining Engineering program in 2020

Zachary Sean Miller

- > The David Phillips Prize For the best overall performance in Year 3 Resource Estimation and Mine Planning in 2020

Zachary Sean Miller

- > The Behre Dolbear Prize for Best Overall Proficiency (or Performance) in Year 3 For the overall proficiency in year 3 in the Bachelor of Engineering in Mining Engineering in 2020

Zizhuo Xiang

- > The New South Wales Minerals Council Prize for Best Performance in Hardrock Mine Design Course For the best overall performance in Year 4 Hardrock Mine Design and Feasibility Project in 2020

Xu Li

- > The Mitsubishi Prize For the best performance in Coal Mine Design Project in 2020

Zizhuo Xiang

- > The Mitsubishi Prize For the best performance in Coal Mine Design Project in 2020



Lucy Pearl Barrie

- > The Jim Galvin Prize For the best performance in Year 4 Mine Geotechnical Engineering in 2020

Zachary Sean Miller

- > The Charles Warman Prize For for the best performance in MINE 2810 Minerals and Processing Course

Nathanael James Walther

- > The Charles Warman Prize For for the best performance in MINE 2810 Minerals and Processing Course

Xu Li

- > The Behre Dolbear Prize
For the best thesis in 2020

Zizhuo Xiang

- > The Behre Dolbear Prize
For the best thesis in 2020

Xu Li

- > The Stan Sawyer Memorial Prize For the best performance in an Honours thesis on a topic relating to coal mining in the Bachelor of Engineering in Mining Engineering program in 2020

Zizhuo Xiang

- > The Stan Sawyer Memorial Prize For the best performance in an Honours thesis on a topic relating to coal mining in the Bachelor of Engineering in Mining Engineering program in 2020

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Lucy Pearl Barrie

- > The Joan Bath Prize for Women in Mining Engineering For the best academic performance by a female in the final year of the Bachelor of Engineering in Mining Engineering Program in 2020

Zizhuo Xiang

- > The Bruce Hebblewhite Prize in Mining Engineering For the best overall performance in Year 4 of the Bachelor of Engineering in Mining Engineering program in 2020

UNSW Minerals and Energy Resources Engineering Awards

Petroleum Discipline

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Jia Ray Christopher Seow

- > The Outstanding Year 1 Student Prize For outstanding performance in Year 1 of the Bachelor of Engineering (Honours) in Petroleum Engineering program in 2020

Ali Hussain S Alshomaly

- > The Reservoir Engineering Award For the best cumulative performance in PTRL2019 Reservoir Engineering A and PTRL3001 Reservoir Engineering B in 2020

Moutaz Mohammad S Alsoufi

- > The Outstanding Year 2 Student Prize For outstanding performance in Year 2 of the Bachelor of Engineering (Honours) in Petroleum Engineering program in 2020

Hussain Radhi S Almadhri

- > The Drilling Engineering Award For the best performance in PTRL3015 Well Drilling Equipment and Operations in 2020

Ahmad Tariq B Khayyat

- > The Surface Facilities Design Project Prize For the best performance in PTRL3022 Design Project For Petroleum Engineers in 2020

Ahmad Tariq B Khayyat

- > The Petroleum Economics Award For the best performance in PTRL3025 Petroleum Economics in 2020



Ghaida Ahmed W Aljuhani

- > The Outstanding Year 3 Student Prize For outstanding performance in Year 3 of the Bachelor of Engineering (Honours) in Petroleum Engineering program in 2020

Luke Aidan Simpson

- > The Thesis Project Prize For the best performance in PTRL4010 Integrated Oil and Gas Field Evaluation A in 2020

Ali Abdalghani A Alalaw

- > The Enhanced Oil and Gas Recovery Award For the best performance in PTRL4012 Enhanced Oil and Gas Recovery in 2020

Ali Abdalghani A Alalaw

- > The Natural Gas Engineering Award For the best performance in PTRL4020 Natural Gas Engineering in 2020 | 7

Abdullah Majdi I Rakkah

- > The Natural Gas Engineering Award For the best performance in PTRL4020 Natural Gas Engineering in 2020

Ali Abdalghani A Alalaw

- > The Outstanding Year 4 Student Prize For outstanding performance in Year 4 of the Bachelor of Engineering (Honours) in Petroleum Engineering program in 2020

Batyrkhan Gaidarov

- > The Outstanding Postgraduate Coursework Student Prize For the outstanding performance in Postgraduate Coursework in Petroleum Engineering in 2020





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