Stanford

Frances Reuland

Masters Student in Energy Science and Engineering, admitted Autumn 2023

Bio

BIO

Fran, from Chapel Hill, North Carolina, is an MS candidate in Energy Science & Engineering at Stanford University, where she was named as a 2023 Knight Hennessy Scholar. Before becoming a Stanford student, she spent three years at the Rocky Mountain Institute (RMI) in Boulder, Colorado working on decarbonization solutions for the oil and gas sector. She has a particular focus on methane detection, mitigation, and policy solutions. Prior to RMI, she held a position at the International Energy Agency (IEA) in Paris, France working to support IEA's work on methane from the petroleum sector.

She is a graduate and varsity women's soccer player of the University of North Carolina-Chapel Hill. Fran earned a B.S. with High Honors in Environmental Science, a Chemistry minor, and a B.A. in Spanish. She has continued her love for competitive soccer career playing in France, Colorado, and California.

HONORS AND AWARDS

- Knight Hennessy Scholar, Stanford University (2023)

EDUCATION AND CERTIFICATIONS

- B.S., University of North Carolina at Chapel Hill , Environmental Sciences (2018)

Publications

PUBLICATIONS

- **Advancing New Technology and Policy to Manage Methane in This Decisive Decade** *ENVIRONMENT*
  Gordon, D., Reuland, F.
  2023; 65 (6): 5-17

- **Evaluating net life-cycle greenhouse gas emissions intensities from gas and coal at varying methane leakage rates** *ENVIRONMENTAL RESEARCH LETTERS*
  Gordon, D., Reuland, F., Jacob, D. J., Worden, J. R., Shindell, D., Dyson, M.
  2023; 18 (8)