

# Matthew J. Reilly

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## EDUCATION

**Pennsylvania State University** (State College, PA) **2006 – present**

Master of Science in Petroleum Geosciences; Geologist for the Geosystems Initiative, co-directed by Prof. Peter Flemings and Prof. Turgay Ertekin

**Durham University** (Durham, England) **2003 – 2006**

Bachelor of Science in Geology Specializing in Petroleum Sedimentology, Stratigraphy and Geophysics Graduated with Upper Second Class Honors

**The King's School Canterbury** (Canterbury, Kent, England) **1997 – 2002**

GCE' Advanced Levels; Geology [A], Geography [B], Biology [B] Chemistry [B]

## WORK EXPERIENCE

**Newfield Exploration** (Houston TX) **Summer 2007**

Exploration Geologist; Gulf of Mexico Shelf Division

- Coordinated wire-line logging runs with on-site service company and partners
- Identified/modified casing points
- Geological prognosis for drilling design
- Seismic interpretation and well correlation in prospective regions using: time, AVO and depth data.
- Completed economic evaluations of prospect areas
- Worked up and presented a prospective region to internal technical review and management review.

**Petroleum Geosystems Initiative** **2006 - present**

Geologist on an interdisciplinary team of engineers, geologists and geophysicists

- Present data in weekly interdisciplinary meetings
- Subsurface sequence stratigraphy and 3D seismic interpretation

**Dissertation** **Summer 2005**

- Mapped a 20km<sup>2</sup> area of Northeast Spain
- Developed an understanding of the geological evolution of modern foreland basins and sedimentary systems.

## SKILLS & ATTRIBUTES

- Proficient in; Openworks, UNIX, Geolog and Microsoft Office
- Fluent in French, competent in Spanish
- British and Irish Citizen, currently holding J-1 Student Visa for the United States

## RESPONSIBILITIES & ACHIEVEMENTS

- Geosystems Initiative Fellow
- Member of the Petroleum Exploration Society of Great Britain
- Member of the Geological Society of Great Britain
- British University Sporting Association Champion, Rowing '03, Snowboarding '05
- National Champion; Rowing '03
- National Champion; Snowboarding '06
- Chair of the Penn State Geosciences Welcoming Committee
- Secretary of the Penn State Snowboard Club