

RECORD OF TEACHING OF EXPLORATION GEOPHYSICS AT WAIT - CURTIN UNIVERSITY

Note that WAIT opened in 1967, and the Exploration Geophysics course was offered as an Associateship. The Associateship was awarded degree status in 1972, when WAIT started to award degrees. Curtin University of Technology was created in 1987. Geophysics courses have been offered under the Department of Applied Physics, the Western Australian School of Mines, the Department of Geology and Geophysics, and the Department of Exploration Geophysics.

From	To	Name	Position	Teaching	Research
		<i>Name</i>	<i>Lecturer/Snr Lecturer/ Assoc Prof/Prof</i>	<i>Primary fields of geophysics teaching</i>	<i>Personal areas of research and publications</i>
1967	1985	Stewart Gunson	Senior Lecturer	Geophysics application to mineral, groundwater, engineering and oil and gas exploration. Thesis supervision.	Gravity
1971	2002	Norm Uren	Lecturer, Senior Lecturer, Associate Professor, Head of Dept of Geology and Geophysics, Head of Dept of Exploration Geophysics, Head of School of Physical Sciences, Professor of Exploration Geophysics	Introduction to Geophysics, All geophysical methods to BSc level, Time Series Analysis, Seismic reflection theory, Thesis supervision	Gravity, Magnetics, Seismic acquisition and processing, seismic anisotropy
1977	2010	John Coggon	P/T Lecturer, Lecturer, Senior Lecturer, Adjunct Professor	General Geophysics, Advanced Mining Geophysics, Gravity, Magnetics, Electrical, Seismic, Radiometrics, Electromagnetism, Induced Polarization	Magnetics, Electromagnetics, Induced Polarization
1982	2012	Brian Evans	Lecturer, Senior Lecturer, Associate Professor, Professor, Director of Field Research Lab., H/D Petroleum Engineering	Seismic Acquisition/positioning/ processing and interpretation, Global geophysics including seismology. Thesis supervision.	Seismic applications to oil/gas, coal, minerals, Reservoir geophysics, Seismic physical modelling

1984	2003	Murray Hill	Research Associate, Lecturer, Computer systems manager, Senior Research Fellow	Seismic processing	Seismic processing
1984	1985	Jim Cull	Senior Lecturer	Mineral geophysics methods	
1985	1985	Carol Braester	Visiting Professor	Reservoir Engineering	
1986	1986	Andrew Mutton	Lecturer	General geophysics	
1987	1992	Roger Young	Senior Lecturer	Seismic methods. Thesis supervision.	Signal processing
1987	1999	Doug Barrett	Lecturer	Introductory Minerals Geophysics	
1987	1999	Vernon Wilson	Senior Lecturer, Undergraduate coordinator, Director of minerals and groundwater research	Introductory geophysics. All geophysical methods (except seismic) to BSc level. Graduate level geophysics for hydrogeology and engineering geology investigations. Global geophysics. Project and thesis supervision.	Ground penetrating radar for archaeological investigations. High resolution seismic for internal structure of palaeochannels. High resolution electromagnetic applications in hydrogeology.
1987	Pres	Paul Wilkes	P/T Lecturer, Senior Lecturer	Geochemistry and Regolith Geology, Geophysical methods: Electrical & electromagnetics, Radiometrics, borehole, gravity, magnetic, introductory oil and gas, magnetotellurics. Projects. Thesis supervision.	Airborne, Borehole and ground geophysics, Computer processing and interpretation, Potential fields and radiometrics, Geothermal exploration, minerals and groundwater.
1994	1998	Umesh Das	Associate Professor	Electromagnetic propagation	Electromagnetic propagation
1995	2004	John McDonald	Professor, Acting Head of Dept of Exploration Geophysics	Seismic methods, Global geophysics, Thesis supervision.	Seismic physical modelling
1996	2011	Bruce Hartley	Lecturer, Associate Professor	Geophysical data analysis, Thesis supervision.	Physics of seismic technology

1996	2014	Brett Harris	Research Assistant, Visiting Research Fellow, Research Fellow, Senior Research Fellow, Associate Professor	Advanced electromagnetic and potential fields, Environmental geophysics, Seismic Interpretation. Thesis supervision.	Marine controlled source electromagnetic methods, Interpretation of seismic data for hydrology, Wire line logging methods, Electromagnetic methods, Geophysics in mineral exploration, Time lapse wire line logging methods.
1997	Pres	Milovan Urosevic	Research Fellow, Senior Lecturer, Associate Professor	Advanced and General Seismic Petroleum Data Processing, Borehole Geophysics, Rock Physics, Seismic Imaging and Modelling, Reservoir Characterisation. Seismic Data Acquisition. Thesis supervision.	Seismic methods for oil/gas, coal, minerals, seismic physical modelling
1997	2015	Chris Juhlin	Visiting Research Fellow, Adjunct Professor	Seismic processing	Signal processing
1998	2000	Peter Hatherly	Adjunct Professor	Thesis supervision	Seismic techniques
1999	2014	Anton Kepic	Senior Lecturer, Associate Professor, Head of Department of Exploration Geophysics	Near Surface & Engineering Geophysics, Electromagnetic Fields in the Earth, Electromagnetics & Radiometrics for Exploration, Advanced Electromagnetic & Potential Field Methods, Geophysics Project , Seismic Acquisition, Thesis supervision	Exploration geophysics, Near-surface geophysics, geophysical instrumentation, electrical engineering
2000	2010	Mike Schoenberg	Visiting Fellow/Adjunct Professor	Rock Physics	
2001	2007	Bill French	Haydn Williams Fellow, Adjunct Professor	4-D seismic	
2001	2004	Andre Gerhardt	Lecturer	Seismic interpretation	3D Visualization

2001	Pres	Boris Gurevich	Professor, Head of Department of Exploration Geophysics	Mineral geophysics, Rock Physics, Borehole Geophysics, Thesis supervision.	Rock physics, Anisotropy, Fractured porous rocks, Velocity and attenuation of elastic waves, Seismic wave attenuation and dispersion, Wave induced fluid flow, Dynamic poroelasticity.
2002	2012	Jayson Meyers	Associate Professor, P/T Lecturer	Seismic interpretation, Geophysics Applied to Mineral Exploration. Thesis supervision. Geophysics Project	Exploration mineral geophysics
2002	2015	Tobias Müller	Visiting Research Fellow, P/T Lecturer, Adjunct Assoc Professor	Oil and Gas Exploration, Theoretical Geophysics, Rock Physics	Wave scattering in random media and rock physics.
2005	2013	Mark Lwin	Research Fellow, Research Associate	General geophysics, Geophysical Data Analysis, Propagation of Energy, Theoretical Geophysics. Thesis supervision.	Seismic physical modelling
2006	Pres	Andrew Squelch	Research Fellow, Senior Research Fellow, Senior Lecturer	Geophysical Methods for oil and gas, Geophysical Methods for Mineral Exploration	3D visualization
2007	2014	Andrew Greenwood	Research Fellow, Technical Officer, Lecturer	Introductory Mineral Exploration Methods, Petroleum Geophysics, Introductory Seismic Exploration, Geophysics Project	Vertical seismic profiling imaging, Borehole reflection seismology and acquisition,
2007	Pres	Andrej Bona	Senior Lecturer, Associate Professor	Seismic modelling, Wave propagation, Data analysis. Thesis supervision	Wave propagation, imaging, anisotropy
2007	Pres	Maxim Lebedev	Research Fellow, Senior Research Fellow, Associate Professor	Properties of matter, Propagation of energy, Theoretical geophysics, Data Analysis. Thesis supervision	Experimental rock physics, Dynamic low strain core sample measurements, X-ray computer tomography, Ultrasonic measurements.

2007	Pres	Roman Pevzner	Associate Professor	Seismic processing, Borehole geophysics, Thesis supervision.	Exploration seismology, Borehole seismic, Time-lapse seismic, seismic anisotropy, C geosequestration, seismic data processing, analysis and imaging, Data processing algorithms, Software development
2008	2009	Pier Bruno	Associate Professor	Introductory Seismic Methods, Global Geophysics	Vulcanology
2010	Pres	Vassili Mikhaltsevitch	Research Fellow, Lecturer	Geophysical Data Analysis, Properties of Matter	Experimental geophysics
2011	2014	Robert Galvin	Research Assistant, Research Fellow, Lecturer	Petroleum Geophysics, Geophysical Data Analysis, Theoretical Geophysics, Propagation of Energy, Electromagnetic Fields in Earth	Rock physics
2011	Pres	Konstantin Tertyshnikov	P/T Tutor, Associate Lecturer	Intro to Mineral Geophysical Methods, Resistivity and Induced Polarization, Electromagnetics and Radiometrics, Reflection seismology, modelling and amplitude versus offset, seismic data processing	Seismic imaging algorithms
2011	Pres	Mahyar Madadi	Research Fellow, Lecturer	Global Geophysics, Rock Physics, Electromagnetic Fields in Earth, Propagation of Energy, Theoretical Geophysics, Borehole Geophysics, Geophysical Data Analysis	Numerical rock physics, Seismic modelling.
2011	Pres	Andrew Pethick	P/T Tutor, Associate Lecturer	Electromagnetics & Radiometrics for Exploration, Advanced Electromagnetic & Potential Field Methods	Geophysical software development including electromagnetism and dip attributes, marine controlled source electromagnetic computing and visualization.
2011	2016	John Bancroft	Visiting Professor, Adjunct Professor	Global Geophysics, Petroleum Seismic Processing	Reflection seismology

2011	2017	Marina Pervukhina	P/T Lecturer, Adjunct Professor	Rock Physics, Borehole Geophysics	Elastic, electrical and transport properties of rocks. Theoretical modelling and numerical simulation from micro-CT tomograms.
2012	Pres	Eric Takum Takum Takougang	Lecturer	Electromagnetics & Radiometrics for Exploration, Advanced Electromagnetics & Potential Field Methods	Seismic velocity and attenuation structures.
2013	2014	Eva Caspari	Associate Lecturer	Geophysical Reservoir Characterization	Rock Physics
2013	Pres	Anna Podolsdka	Lecturer	Resistivity & Induced Polarization Exploration, Theoretical Geophysics, Advanced Electromagnetic & Potential Field Methods, Geophysics Project	Physical sensors, Remote sensing, Geophysical instrumentation.

NOTE There were a large number of Part-Time Lecturers and Guest Lecturers at WAIT/CURTIN over the years. The ASEG History Committee has received information on these contributors as well as many Tutors and other support staff. In order to maintain consistency with all of the other Universities represented in this current set of record, only the full time teaching staff are shown in this specific table.

