



MOAMA ANGLICAN GRAMMAR SCHOOL

CAREER NEWSLETTER

Week 6 - Term 2, 2015.

FOCUS ON CAREERS IN SPORT

SPORTS PHYSIOTHERAPY

Sports Physiotherapists: are qualified physiotherapists who have undertaken further specialised training and education. They assess and diagnose sports related injuries and develop a treatment plan, which may include hands-on therapies and exercise plans.

Where can I study undergraduate physiotherapy in Victoria?

- **Monash University**, Bachelor of Physiotherapy, Peninsula Campus. Entry- ATAR, interview + prerequisite subjects.
- **La Trobe University**, integrated Bachelor of Applied Science/Master of Physiotherapy Practice, across all campuses (only Bundoora and Bendigo have the four year program), entry- ATAR (about 95) + prerequisite subjects
- **Charles Sturt University**, Bachelor of Physiotherapy, Albury-Wodonga Campus, entry- ATAR (about 98), no prerequisite subjects.

If you are concerned you won't achieve the ATAR to gain entry into an undergraduate program, you can study physiotherapy as a graduate degree in Victoria at:

- **University of Melbourne**, Doctor of Physiotherapy, 3-year program.
- **La Trobe University**, Master of Physiotherapy Practice, Melbourne and Bendigo, 2-year program.

You will need to complete an undergraduate degree in an area such as exercise science, biomedical science or general science. You should pick a degree that will have subjects in human anatomy and physiology.

There are two ways to become a fully qualified sports physiotherapist- via an academic pathway or an experiential pathway. For information, go to www.physiotherapy.asn.au/

EXERCISE PHYSIOLOGY

Clinical Exercise Physiologists: develop exercise plans and services for people living with or being at risk of illnesses such as cancer, mental illness, cardiovascular disease, neuromuscular/ neurological disease, respiratory disease, chronic pain and musculoskeletal pain.

From Exercise and Sports Science Australia (ESSA): Exercise Physiologists are the most qualified health professional to prescribe exercise for people with chronic disease.

Video about clinical exercise physiology developed by Deakin University- www.youtube.com/watch?v=uujfvT1Jw8w

How do I become qualified in Victoria?

- You must first complete an ESSA approved undergraduate degree followed by an ESSA approved graduate qualification.
- Undergraduate degrees currently accredited: Bachelor of Exercise and Sports Science at Deakin University,

Australian Catholic University and RMIT.

- You must then complete an ESSA approved Graduate Diploma or Master of Clinical Exercise Physiology, meet all of the required knowledge and skills criteria and have completed the required 500 hours of approved practicum, as outlined by ESSA.
- The following universities have approved programs: Deakin University, Australian Catholic University, Federation University and Victoria University.

OTHER SPORTS CAREERS

Sport Management: is for students who have an interest in both sport and business (including management, marketing, elite athlete management, events, facilities management, tourism, accounting etc.). Different institutions offer different majors or specialisations, so make sure you do your research.

Sports Engineers: design and develop sports equipment and apparel; design products and develop solutions to enhance the performance of athletes; and are at the forefront of designing new sports technologies for elite athletes. Students typically study human movement sciences, and electronic, mechanical and software engineering.

Sport and Recreation Management: students can typically specialise in areas such as outdoor recreation, recreation management, tourism, facilities management, policy development and events management.

Sports Development: students learn how to promote sport in the community and increase the level of participation in sports for different cohorts such as young people and people with disabilities. Sports development officers create new and innovative sports programs or work for existing organisations to run their programs in the community (i.e., AusKick)

Sports Journalists: undertake research on sporting events and issues and report on them via various media mediums (e.g., print, broadcast, radio). Students generally have to complete a journalism degree with a sports specialisation within the degree or as a graduate program.

Other sports careers include Sports Psychology, Exercise Rehabilitation, Sports Coaching, Physical Education Teaching, Fitness and Personal Training, Sports Science etc.

To search for sports related courses and university prerequisites, go to Hobson's Course Finder at www.hobsonscoursefinder.com.au/ or the Victorian Tertiary Admission Centre (VTAC) archived search at www.vtac.edu.au/

Mr. S Martin
Career Adviser

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VOCATIONAL AND HIGHER EDUCATION NEWS

Pathway infographics for 21 health professions

My Health Career has produced [pathway infographics](#) for 21 health professions to help high school students to know how to get where they want to go. The list includes:

Aboriginal and Torres Strait Islander Primary Health Care

- Dentistry
- Dietetics
- Exercise Physiology
- Medicine
- Midwifery
- Occupational Therapy
- Optometry
- Pharmacy
- Physiotherapy
- Podiatry
- Radiotherapy

The full list is available here: <https://www.myhealthcareer.com.au/pathways/>

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Skills shortage area: oral health

Are you interested in health and science? Have you thought about dentistry but concerned you won't receive the required ATAR? You may be interested in exploring the following occupations:

- **Dental Nurse/Assistant:** assists dental team, supports patient, sterilisation of equipment, prepares dental materials, maintains client records etc.
- **Dental Hygienist:** educates patients about prevention of disease, treats oral diseases, and provides dental treatments.
- **Dental Therapist:** examines and treats diseases of the teeth in children and adolescents under the supervision of dentists.
- **Dental Technician:** designs and constructs dentures, crowns, impression trays, oral splints etc.

For information on these career areas, go to the Australian Dental Association- www.ada.org.au/

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Commerce versus Economics

Which would you be more suited to? The Australian School of Business, UNSW, has developed a video to help you decide. They have also developed a video focused on careers in economics. To view both, go to

- [Commerce v Economics](#)
- [Careers in Economics](#)

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Studying sport at Deakin University

Sport is a growing industry and with the increased focus on health and active lifestyles, the need for experts in this field has never been greater. Deakin courses in sport are comprehensive and diverse, enabling students to study exercise and sport science, the business of sport, sport development and health and physical education (teaching). Exercise and sport science offers a broad range of career opportunities for Deakin graduates in areas such as sport, health, fitness, rehabilitation, sport business and research and tertiary training. If you are considering a career in these areas, go to the following website- <http://www.deakin.edu.au/exercise-nutrition-sciences/careers/exercise-and-sport-science> where you can view lists of job titles/roles, employers and professional associations in each of these areas.

To view the sport courses at Deakin and watch videos about exercise and sport science and clinical exercise science, go to <http://www.deakin.edu.au/study-at-deakin/find-a-course/sport>

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Pathway courses into Monash University degrees

If you would like to study at Monash but are concerned you may not achieve the ATAR requirement, there are two options you can consider:

- **Diploma of Tertiary Studies (DoTs):** This one-year program is for students who would like to gain access to Nursing, Business or Education degrees. Completion of the program will allow you to go straight into the second year of the eligible course.
- **Diploma of Higher Education (DoHE):** This one-year program is for students who would like to gain access to science, mathematics, or related degrees. Completion of the program will allow you to go straight into the second year of the eligible course.

For information on entry requirements and eligible courses for both programs, go to

<http://www.study.monash/courses/entry-pathways-domestic#>

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Ever dreamed of becoming an Astronaut

Read about the amazing pathway that Dr Andrew S. W. Thomas AO took to become the first South Australian to undertake a space flight. He has had an interesting and exciting career studying and working in Australia and America, [article here](#).

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UPCOMING EVENTS

Please note that most career events are held in capital cities on weekdays either during the day or in the evening. It is therefore often impractical to attend. The following information is provided so students and their parents know what is happening in career development. Often the institutions and organisations running the events would understand your inability to attend and would be more than happy to pass on the relevant information they have prepared for their sessions.

The Olympic Park Sports Medicine Centre

OPSMC are running an information night about careers in sports medicine on Wednesday 27 May, 7.30 – 9pm at the AAMI Park Stadium. Practitioners from the disciplines of:

- Sports Medicine
- Nutrition
- Podiatry
- Psychology
- Massage Therapy
- Physiotherapy, and
- Exercise Physiology

will deliver short talks and will also be available to answer your questions about careers in these occupations. For more information and to register online, go to www.opsmc.com.au/professional-development/careers-evening.html by Monday 26 May

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National Youth Science Forum (NYSF)

Are you in Year 11 and have a passion for all things science? You should consider applying for the NYSF. This is a two week residential program where students are immersed in hands-on science activities, lab experiments, field trips and meet professors who are leaders in their field.

Online applications are due by 31 May and your application must be endorsed by your local Rotary club. The two-week program will be held at Canberra during January 2016. For more information, go to www.nysf.edu.au/

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Shifting Gear with RMIT Design Workshops

Enjoy a day of hands-on design at the National Gallery of Victoria (NGV) and a tour of the Shifting Gear: Design, Innovation and the Australian Car exhibition. RMIT has teamed up with the NGV to deliver workshops for year 10 – 12 students and is recommended for those studying Visual Communication and Design and Product Design and Technology subjects.

- **Option 1: After Auto Mobility** – Design a sustainable transportation vehicle for a post car world: In this workshop you will design a sustainable transportation vehicle for a post car world.
- **Option 2: Automotive Engineering** - Crash Testing for Dummies and Crashworthy Vehicle Design. In this crashworthy vehicle design activity you will explore the ideas used to design cars that better protect drivers and passengers and put these ideas to the test.

The events will be held Monday 1 June until Friday 12 June. For information, go to www.ngv.vic.gov.au/explore/education/programs/

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UniExperience Melbourne

If you are in Year 11 you may have the opportunity to apply for the two-day UniExperience Program being held at the Parkville Campus on Thursday 9 – Friday 10 July. Cost is \$100 and the program includes:

- One night accommodation and meals
- A guided campus tour
- Information on Melbourne courses
- Social activities organized by current University of Melbourne students
- Workshops on the transition to university, student support, accommodation, scholarships, and study tips.

To find out if you are eligible and to apply, fill out the online application form by Friday 19 June at www.futurestudents.unimelb.edu.au/uniexp

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Career Discovery program in Fashion and Textiles at RMIT

This course, running in the July school holidays, will assist you in selecting the most appropriate RMIT Fashion and Textiles program and career option. This two day workshop for year 11 and 12 students will include hands-on workshops and discussion topics that may include: Trend Forecasting, Fashion Creative Processes and Ideas Generation, Developing a Visual Diary, Digital Technologies and Textile Design. The event will be held Wednesday 8 July – Thursday 9 July. To register, go to [Fashion and Textile short course](#)

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Interested in Dentistry, Medicine and/or Oral Health?

The University of Adelaide is hosting an event showcasing their courses in these areas on Sunday 31 May. If you will be unable to attend, the event will be recorded and uploaded to their [YouTube channel](#). For information and to register, go to [click here](#).

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SCHOLARSHIPS

UNSW Co-op Scholarships

The UNSW Co-op Program offers industry linked scholarships to high achieving students in the fields of Business (Commerce), Science, Engineering and the Built Environment. Scholarships are worth \$16,750 per year tax-free and

there are many other benefits such as leadership programs, industry work experience and academic mentoring. To find out more, go to www.coop.unsw.edu.au/

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Accounting Scholarship at UTS

If you are considering applying for the Bachelor of Accounting at University of Technology Sydney, you have until Friday 5 June to apply for the scholarship program which is worth over \$46 500. For information on how to apply, go to www.uts.edu.au/future-students/business/business-study-areas/accounting/bachelor-accounting

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Marcus Oldham College

Marcus Oldham College offer courses in Horse Business Management, Agribusiness and Farm Business Management. The institute is located at Geelong, Victoria and is a private college. They have just released the list of scholarships available for the 2016 intake. For a list of the scholarships, closing dates and interview times, please go to www.marcusoldham.vic.edu.au

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UPCOMING EVENTS: MAY

- **Focus on Melbourne University Seminars**, various dates, <http://tinyurl.com/pcscogf>
- **At Monash University Seminars**, various dates, <http://destination.monash/at-monash/>
- **27: Careers in Sports Medicine**, Olympic Park Sports Medicine Centre, AAMI Park Stadium, <http://tinyurl.com/m26n4yk>
- **31: Medicine, Dentistry, Oral Health Showcase**, University of Adelaide, <http://tinyurl.com/mq99okw>

UPCOMING EVENTS: JUNE

- **MyDays, Charles Sturt University:** Agriculture (12), Communication & Creative Industries (23), Policing & Criminal Justice (29), www.csu.edu.au/go/myday
- **Information Evenings**, Monash University, various dates and locations, <http://tinyurl.com/n2dlulx>
- **2: Information Night**, Deakin University, Geelong Waterfront, <http://tinyurl.com/p465p85>
- **19: Experience Day**, La Trobe University, Albury-Wodonga, www.latrobe.edu.au/experience
- **19, 20: Open Day**, Whitehouse Institute of Design, Melbourne, <http://tinyurl.com/7nk2vrc>
- **24: 2015 Environmental and Marine Careers Expo**, Melbourne Aquarium, www.melbourneaquarium.com.au/schools
- **27: High School Workshops**, JMC Academy, Melbourne, www.jmccademy.edu.au/
- **29: Science in the City & Laboratory Tour**, RMIT, Melbourne, <http://tinyurl.com/pvsg8fj>
- **29, 30: Experience Days**, Australian Catholic University, Melbourne (29) and Ballarat (30), www.acu.edu.au/97108
- **30: Discover Deakin**, Melbourne Campus, <http://tinyurl.com/q3yaqln>