

Weekly Career News

Term 4

Tuesday 14 November 2017

WHERE YOU CAN STUDY PHYSIOTHERAPY, CHIROPRACTIC AND OSTEOPATHY

PHYSIOTHERAPY

Physiotherapists assess, treat and prevent disorders in human movement caused by injury and disease. Further into their career, physiotherapists can choose to practise in specific areas such as muscle and skeletal conditions, women's health, aged care, chest conditions, occupational health and safety, sports injuries, babies and young children, problems of the nervous system and spinal injuries, administration, education or research, <http://bit.ly/2yVRCfc>

Future job growth: Very strong. Most physiotherapists are employed in NSW, followed by Victoria. Unemployment is below average. Continued emphasis on sport and fitness, occupational health and safety, and aged care has increased the demand for physiotherapists.

Typical duties

- Assess the physical condition of patients to diagnose problems and plan appropriate treatment
- Use a range of techniques to strengthen and stretch muscles and joints to improve patient mobility (such as massage, hydrotherapy, breathing and relaxation techniques)
- Perform spinal and peripheral joint mobilisation and manipulation
- Use equipment such as heat packs, ice packs, exercise equipment, ultrasound and electrotherapy to ease pain, reduce swelling and improve range of movement
- Retrain patients to walk or teach them to use devices such as walking frames, splints, crutches and wheelchairs
- Educate patients, their families and the community to prevent injury and disability and to lead healthy lifestyles
- Plan and implement community fitness programs
- Maintain patient records.

WHERE YOU CAN STUDY PHYSIOTHERAPY, CHIROPRACTIC AND OSTEOPATHY

Victorian courses

The University of Melbourne

- Doctor of Physiotherapy, 3-year graduate entry program, Parkville. Entry requirement- an undergraduate degree with subjects in human anatomy and human physiology. Selection is based on past academic record and a multi-mini interview for short listed applicants. An example University of Melbourne undergraduate degree is the Bachelor of Science with a major in Human Structure and Function, <http://bit.ly/1PhFv7G>

La Trobe University

- Option 1: Bachelor of Applied Science/Master of Physiotherapy Practice, 4-year combined program, Bundoora and Bendigo. Can complete the first year at a rural campus such as Albury-Wodonga. Entry is based on Year 12 results and meeting prerequisite subject study scores, <http://bit.ly/2hp7dsJ>
- Option 2: Bachelor of Sport and Exercise Science, Bundoora. At the completion of the 3-year degree, students can apply for the 2-year Master of Physiotherapy Practice at La Trobe. Entry is highly competitive and applicants are not guaranteed a place in the Master program, <http://bit.ly/2zE58kF>
- Option 3: Master of Physiotherapy Practice, 2-year graduate entry program, Bundoora and Bendigo. Entry requirement- an undergraduate degree with requisite subjects. Selection is based on prior academic performance, <http://bit.ly/2yVTJQg>

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Charles Sturt University

- Bachelor of Physiotherapy, 4-years, Albury-Wodonga. Selection is based solely on the ATAR, <http://bit.ly/2AFuDT4>

Monash University

- Bachelor of Physiotherapy (Honours), 4-years, Peninsula. Entry is based on Year 12 results, meeting prerequisite subject study scores, and an interview for selected applicants, <http://bit.ly/2ywJiya>

Australian Catholic University

- Bachelor of Physiotherapy, 4-years, Ballarat. Entry is based on Year 12 results and meeting prerequisite subject study scores, <http://bit.ly/1pzzBKR>

CHIROPRACTIC

Chiropractors diagnose and treat health problems related to the nervous, muscular and skeletal systems, particularly the spine, without the use of drugs or surgery, <http://bit.ly/2AETzK7>

Future job growth: Very strong. Most chiropractors are employed in NSW, followed by Victoria. Unemployment is below average.

Typical duties

- Note down patients' case history details, conduct physical examinations and interpret diagnostic imaging studies such as X-rays
- Adjust patients' spine or other joints to correct joint dysfunctions interfering with proper nervous system control and integration of body function
- Treat patients by adjusting the spinal column to manipulate joints and soft tissues
- Conduct specialised work such as sports chiropractic, paediatrics, diagnostic imaging or various chiropractic techniques
- Give advice about general health matters such as exercise and nutrition
- Perform pre-employment examinations and workplace assessments
- Provide certificates for insurance and work-related purposes.

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Victorian courses

RMIT

- Bachelor of Health Science/Bachelor of Applied Science (Chiropractic), 5-years, Bundoora. Entry is based on Year 12 results and meeting prerequisite subject study scores, <http://bit.ly/2ffj4qN>

CQ University

- Bachelor of Science (Chiropractic), 3-years, Melbourne. Once you complete the course, you will need to gain entry into the 2-year Master of Clinical Chiropractic at CQ University or another Master program (e.g., La Trobe University or University of Melbourne). Entry is based on Year 12 results and meeting prerequisite subject study scores, <http://bit.ly/2AByTIH>

OSTEOPATHY

Osteopaths diagnose, treat and provide preventative advice about disorders that affect the body's musculoskeletal system, using manual techniques to alleviate stresses and dysfunction to improve the body's function, <http://bit.ly/2yySK44>

Future job growth: Very strong. Most osteopaths are employed in NSW, followed by Victoria. Unemployment is below average.

Typical duties

- Diagnose patients' complaints using information from case histories, physical examinations, observation of patients' body structure and mobility, and medical imaging and laboratory tests
- Treat biomechanical complaints (including backache, general joint problems, sports injuries, arthritis, stress and repetitive strain injuries), some breathing problems (such as asthma) and a wide range of general medical complaints (headaches, for example)
- Treat patients using a variety of manual techniques, such as soft tissue stretching, muscle relaxation, gentle mobilisation or manipulation
- Devise exercise and nutritional programs.

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Victorian courses

RMIT

- Bachelor of Health Science/Bachelor of Applied Science (Osteopathy), 5-years, Bundoora. Entry is based on Year 12 results and meeting prerequisite subject study scores, <http://bit.ly/2v0gPP4>

Victoria University

- Bachelor of Science (Osteopathy), 3-years, City Flinders. Once you complete the course, you will need to gain entry into the 1.5-year Master of Health Science (Osteopathy) at Victoria University or another Master program (e.g., La Trobe University or University of Melbourne). Entry is based on Year 12 results and meeting prerequisite subject study scores, <http://bit.ly/2anuNQp>

Suggested school subjects: Physical Education, Health and Human Development, Mathematics (the level of Maths will be determined by the university you would like to study at), Biology, Food Studies, Sociology, Psychology, English, Chemistry etc.

VOCATIONAL & HIGHER EDUCATION NEWS

Interested in creative arts? The Victorian College of the Arts will be running summer intensives and year-long programs (2018) in areas such as film and television, visual art, acting, and music theatre. Students will be able to work with industry professionals in state-of-the-art facilities. For information on dates, locations and how to apply, go to <http://bit.ly/2iReIZG>

Are you considering a career in the music industry? Collarts is a private college in Melbourne offering several music courses in areas such as Entertainment Business Management, Entertainment Journalism, Music, and Audio Production. Collarts has compiled 11 surprising jobs you can pursue in the entertainment and music industries, including music therapist, publicist and ethnomusicologist - <http://bit.ly/2fJzBrz>



VOCATIONAL & HIGHER EDUCATION NEWS

Interested in natural health? Endeavour College of Natural Health (ECNH) offer courses in myotherapy, naturopathy, complementary medicine, acupuncture, and nutritional and dietetic medicine. To read about career pathways in each course area, go to <http://bit.ly/2fJpe6O>

Year 12 completers can also apply for Endeavour College scholarships, which are due by 27 November, <http://bit.ly/1L5SGGI>

Do you have a passion for agriculture? If you are in Years 9 – 12 and are planning to study agricultural science in the future, you can join the University of Melbourne 'Pre-Ag Club' at <http://bit.ly/1XZ6E6H>. You will be able to:

- Attend university run lectures and practical sessions
- Meet with leading academics and students
- Connect with students who share your interests
- Discover the benefits of a career in agricultural sciences.

The following are six education institutes you can study agriculture at:

- University of Melbourne: <http://bit.ly/1AZGSZ0>
- La Trobe University: <http://bit.ly/1FGtcP0>
- University of Tasmania: <http://bit.ly/2bAaGQ7>
- Charles Sturt University: <http://bit.ly/2c0YRET>
- Longerenong College: <http://bit.ly/2aEsbhu>
- Marcus Oldham College: <http://bit.ly/1wEGiuc>

University Newsletters for Secondary Students

Stay up to date with future student news by subscribing to newsletters or bookmarking pages to browse future student information:

- University of Melbourne, <http://bit.ly/1dZXV2B>
- Victoria University (go into the draw to win \$5000), <http://bit.ly/2ftWnzY>
- La Trobe University, <http://bit.ly/2f81p6N>

Revolutionary new first-year model at Victoria University (VU): From 2018, all students starting in first year at the Melbourne campuses of VU will begin their studies in their new First Year Model – a first for Australian universities. To learn about the new model, go to <http://bit.ly/2hp7QSU>

VOCATIONAL & HIGHER EDUCATION NEWS

Coding short courses at RMIT: Develop skills in app development and coding through enrolling in an online course through RMIT. In an Australian first, RMIT is working with Apple to offer a suite of tailor made programming courses using Apple's App Development with Swift curriculum. For information and to enrol in a course, go to <http://bit.ly/2AEqJKb>

Robertson Scholars Leadership Program: Each year, talented Australian students are selected to complete an undergraduate degree at either Duke University or the University of Northern Carolina, both in the USA. The program seeks to assist students who have demonstrated passion and potential to become great leaders in college and beyond. The scholarship is worth \$200 000 and is organised through UNSW. For more information and to apply, go to <http://bit.ly/2qjpc95>

The Victorian College of Arts (VCA) and the Melbourne Conservatorium of Music (MCM) recently launched Precinct - an online blog and news source that brings you the best of music, arts, stage and screen stories. Stay up to date with the latest happenings at the University of Melbourne and learn more about the work of researchers, artists, performers and production specialists at this link - <http://bit.ly/2reTsTs>

Have you considered studying hotel management? This is an exciting career pathway and would suit students who enjoying working with people, are highly organised, enjoy problem solving, customer service, and working as part of a professional team. The Hotel School Melbourne is running a Discovery Day for prospective students on Thursday 23 November. Participants will be able to learn about courses on offer, speak with course advisers, meet current students, and learn about the application process. For information and to register, go to <http://bit.ly/2zBwrhE>

Work Experience at the Australian Defence Force: The Defence Force provides work experience opportunities across Australia. To search for upcoming work experience placements and to bookmark the page, go to <http://bit.ly/1MGymwl> You can learn about jobs in the Army, Navy and Air Force via the Defence Jobs YouTube Channel, <http://bit.ly/1QoBraH>

UPCOMING EVENTS

NOVEMBER

- **14 – 24: PaperSpace Student Exhibition**, School of Architecture and Built Environment, Deakin University, Geelong, <http://bit.ly/2dShZYv>
- **18, 22: Scholarship Information Session**, JMC Academy, Melbourne (18), Facebook Live (22), <http://bit.ly/1PvWdBT>
- **18: Open Day**, Academy of Interactive Entertainment, Melbourne, <http://bit.ly/1hsNG8q>
- **18: Learn to Fly/Aviation Career Day**, Riverina Aviation College, Albury, <http://bit.ly/2A2veh6>
- **21: Information Evening**, Swinburne University, Hawthorn, <http://bit.ly/2gN3apP>
- **26 Nov – 3 Dec: Trinity Young Leaders Program**, University of Melbourne, Arts, Commerce, Biomedicine, <http://bit.ly/1Zu9RNm>
- **27 Nov – 2 Dec: Residential Indigenous Science Experience (RISE) Program**, University of Melbourne, www.gtac.edu.au/rise/
- **29 Nov – 1 Dec: ConocoPhillips Science Experience**, The University of Melbourne, Dookie campus, <http://bit.ly/1Wdh6oe>

DECEMBER

- **1: Graduate Exhibition and Parade**, Whitehouse College of Design, Melbourne, <http://bit.ly/2y4cCzP>
- **3 - 17: Trinity Young Leaders Program**, University of Melbourne, Law and Justice, Science and Engineering, Sport Development and Management, <http://bit.ly/1Zu9RNm>
- **3 – 5: Hands on Monash Indigenous Summer Camp**, Clayton campus, contact Kristel Keleher at kristel.keleher@monash.edu
- **5 - 7: ConocoPhillips Science Experience**, Swinburne University, <http://bit.ly/1Wdh6oe>
- **12: Info Afternoon**, Academy of Design Australia, Collingwood, <http://bit.ly/2zkbGaW>