Overview

Introduction
GradTrack provides safe and secure storage of confidential and sensitive student and graduate data to provide linked de-identified data for researchers. It captures and combines longitudinal student and graduate data from disparate spreadsheets and systems and also cleanses and normalises this data in readiness for:

- De-identified data extraction;
- Research to analyse outcomes of the UTAS School of Medicine and Rural Health Multidisciplinary Training (RHMT) activity;
- Supporting the reporting needs of the RHMT.

Purpose
The combination of data from two or more datasets can maximise the data’s use to answer complex problems for statistical and research purposes; this is called “Data Integration”.

Storing integrated data in a centralised system means data can be re-used for multiple research projects, which reduces the time and administrative overheads required to manage data in its current (dispersed) form.

Safe data
Integrated data provides richer information and insight, but we need to take care to protect the privacy and confidentiality of the individuals’ data we hold, and ensure students consent to the use of their data. GradTrack has built a safe and effective environment for data integration, analysis and reporting by implementing the “Five Safes” framework and establishing a data governance committee.

Data Sources

UTAS Systems
- Student Management
- inPlace
- Exam/OSCE Results
- Student Awards
- Scholarships
- Survey data

Third Party Data Sources
- Australian Bureau of Statistics
- Medical Deans Australia & NZ
- AHPRA
- FRAME
- DoctorConnect
- MySchool

We are also working with UTAS Business Intelligence unit to fill gaps in data and connect GradTrack with the university’s Business Intelligence platform.
GradTrack Data

There are currently over 900 fields in GradTrack, extracted from the data sources above. The types of data held have been categorised in the table below.

It must be noted that not all fields are available for extract – identifying fields such as name, student ID and small cohorts cannot be provided.

<table>
<thead>
<tr>
<th>Category/Sub-category</th>
<th>Examples of available data fields</th>
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| **Demographic**       | • Gender, Age, Marital status (at different time points)  
                       | • Country of birth  
                       | • Financial support during study |
| **Family**            | • Occupation  
                       | • Number of dependants  
                       | • Highest levels of education  
                       | • First in family to attend university |
| **Education**         | • Study location  
                       | • Year 10/12 school details  
                       | • Specialisations |
| **Study**             | • Year of commencement  
                       | • Age when started  
                       | • Has UTAS MBBS prepared me for work |
| **Intention/preferences** | • Interest in teaching/research  
                       | • Preferred work location  
                       | • Specialisation – deciding factors |
| **Work**              | • Internship location preference  
                       | • Work Location preference  
                       | • Longitudinal work location |
| **Location**          | • Rurality, Socio-economic indicators related to work, school, home, origin location  
                       | • Geocoded addresses for mapping  
                       | • Location data coded to ABS SA1 level for data integration |

Access to Data

Access to the GradTrack data is governed by Ethics (HREC H0016470), the GradTrack Data Access Framework and associated policies and procedures.

Applications for data extracts are received through a Data Access Application form and reviewed by the GradTrack Data Access committee.