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| --- | --- | --- | --- | --- | --- | --- | --- |
| 2009_JCU_Logo_Colour RGB | | | RESEARCH SERVICESRESEARCH FUNDING COVERSHEET for externally funded research | | Version: | | *01/1518/07/2002* |
| Date Rcvd: | | office |
| **App\_ID:** | | **use only** |
| Ext Ref: | |  |
| **Project Title** | The effect of group projects on content related learning: A rasch measurement approach | | | | | | |
| **Funding Body** | ANTA Research Advisory Council | | | **Funded AUD** | | **$ 43,600** | |
| **Fund Scheme** | Vocational Education & Training Research | | | **Foreign Currency**  *(If applicable)* | |  | |
| **Admin Organisation** | | University of Queensland | | | | | |

**Short title** *(Short, descriptive title of no more than 40 characters, including spaces [Finance 1 data entry limit].)*

|  |
| --- |
| Group effect on content related learning |

**Project Summary** *(Provide a summary of the project that is no more than 100 words. The summary should be intelligible to a lay reader, and outline the aims of the research, the expected outcomes and the project’s overall significance.)*

|  |
| --- |
| Do students learn more when they work in groups because of the opportunity for collaborative learning, or do they learn less because of the tendency to do less when they work as a member of a team? This research project will address this issue by contrasting the learning outcomes of two student samples: one sample completed a marketing project working alone and another group an identical project working in pairs. The secondary goal of the research is to show how the Rasch model can be helpful in addressing questions, which involve the comparison of exam scores across different exam versions. |

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| --- | --- | --- | --- | --- |
| Project Period: | Start Date | 1 May 2013 | End Date | 31 Dec 2015 |

# Funding Type: *Please type an “x” next to one or more of the following (see the* [*Research and HERDC*](https://www.jcu.edu.au/research-services/contract-and-commercial/research-contracts-and-consultancies/research-services) *webpage)*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Research Grant | x | Contract Research |  | Consultancy |  |
|  | | | | | |

# Chief Investigator(s) *(If the project involves international cooperation, please specify country)*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ESN[[1]](#footnote-1) | Last Name, First Name (Initials) | **Orgu** | *[if not JCU]* Institution (Country) |
| 1 | N | Spanky, Hank E |  | University of Queensland | |
| 2 | S | Fisher, Peter W | 2221 |  | |
| 3 | N | Carpenter, Anna |  | University of Queensland | |
| 4 | N | Blind, Robyn U |  | University of Toledo (USA) | |
| 5 | E | Farmer, John S | 2221 |  | |
| 6 |  |  |  |  | |

**Other Project Participants**

Name other project participants (e.g. Partner and Associate Investigators, research staff, HDR or honours students). If a student is the sole CI, provide details of the JCU supervisor

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | ESN1 | Last Name, First Name (Initials) | **Orgu** | *[if not JCU]* Institution (Country) |
| a | E | Plumber, Konrad | 2230 |  |
| b |  |  |  |  |
| c |  |  |  |  |
| d |  |  |  |  |
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| --- | --- | --- | --- | --- | --- |
| **Funding summary \*\*** (per calendar year excl. GST) | |  | Other Cash Contributions(Cash contributions by organisation(s) other than the funding body. Please specify all sources of matching funds, by orgu within JCU.) | | |
| **Year** | **$$** |  | **Year** | **Organisation / JCU Orgu** | **$$** |
| **2013** | **10,000** |  | **2013** | **University of Queensland** | **10,000** |
| **2014** | **13,600** |  |  |  |  |
| **2015** | **20,000** |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| **Total** | **43,600** |  | **Total** |  | **10,000** |

**\*\*** Please ensure that the total here is the same as the total funding shown on page 1. Please attach separate sheet if more rows are required

**Research Codes** *(see listings on the* [*Research Services*](http://www-public.jcu.edu.au/researchservices/data/classification/index.htm) *website)*

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Field(s) of Research FoR** | **%** | **.** | **Socio-Economic Objective(s) SEO** | **%** | **.** | **JCU Research Themes** | **%** |
| **130303** | **55** |  | **930202** | **45** |  | Tropical Ecosystems and Environment |  |
| **130202** | **45** |  | **930301** | **30** |  | Industries and Economies in the Tropics |  |
|  |  |  | **930302** | **25** |  | Peoples and Societies in the Tropics | **100** |
|  |  |  |  |  |  | Tropical Health, Medicine & Biosecurity |  |

|  |  |
| --- | --- |
| Type of Activity | **%** |
| Pure Basic |  |
| Strategic Basic |  |
| Applied | 80 |
| Exp’l Development | 20 |

|  |  |
| --- | --- |
| Keywords (*A species name should be accompanied by its family name)* | |
| Content related learning |  |
| Rasch model |  |
| Group Learning |  |

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| **Ethics/Safety Compliance Requirements** Please type an “x” next to one or more of the following if the project involves… |

|  |  |
| --- | --- |
| (a) Animal Ethics (use of living animals) |  |
| (b) Human Ethics (human participants) | x |
| (c) BioSafety (*in vitro* production of recombinant DNA, organisms of Risk Group 2 or higher, ionizing radiation) |  |
| (d) Defence Trade Controls (technologies on the *Defence Strategic Goods List* that may be used or adapted for use in military programs or for WMDs) |  |
| (e) hazardous or dangerous substances or drugs \* |  |

\* *Use of hazardous chemicals, carcinogens, or drugs and poisons will require risk assessments to be completed.  External permits may also be required that could have lengthy application processes.  Please contact JCU HSE for advice.*

# CERTIFICATION BY PRINCIPAL INVESTIGATOR

I certify that:

* The details in the grant application (if applicable) and in this Research Funding Coversheet are true and complete;
* I have complied with the guidelines for the granting scheme (if applicable);
* All participants named in the project specification / grant have agreed to their roles and responsibilities as stated;
* Firm and written commitments have been obtained for any matching cash contributions and copies have been provided to the Research Office;
* I will comply with all ethical and safety requirements.

Signed: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**PRICING and COLLEGE/DIVISIONAL CERTIFICATION**

Nb: these sections must be completed before access to funding will be provided

|  |
| --- |
| Do Indirect Cost Overheads apply to this project? Yes / No (please delete one) ***If Yes*** please state amount $6,540\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  Overheads are charged on research grants, on contract research and on consultancy services. For further information and full details of exclusions as well as details of overhead rates see the [Finance Policy and Procedure](https://www.jcu.edu.au/policy/procedures/finance-procedures/fmpm-621), and the backing information on the Research Services website re [Research Grants and Overheads](https://www.jcu.edu.au/research-services/grants/assistance-for-grant-applicants/research-grants-pricing-and-indirect-costs), and [Pricing and Overheads](https://www.jcu.edu.au/research-services/contract-and-commercial/research-contracts-and-consultancies/pricing-grant,-contract-and-consultancy-projects). |
| ***If No*** *please tick appropriate box* |
| [ ] Australian Competitive Grant/CRC [ ] Excluded by Funding Rules [ ] Charitable Organisation  [ ] Student Project [ ] Waiver by DVC or Dean of College |

|  |  |
| --- | --- |
| **Certification by Dean of College or Deputy Vice-Chancellor (of first CI):** | |
| I certify that:   * The project is viable in terms of the College’s resources and the funds requested; * The project has been priced in accordance with University policy and Division guidelines including overheads as appropriate; * The College will provide the necessary basic infrastructure for the project, including sufficient working and office space for project staff; * The College has made adequate provision for the installation, establishment and recurrent costs associated with any equipment purchased and /or facility established with project funds; * The amount of time that the researcher(s) will be devoting to the project is appropriate to existing workloads; * If successful, the project will not be permitted to proceed until appropriate ethical and safety clearances have been obtained and ethical and safety requirements will be observed throughout the project; * Cash contributions attributed to the College are correct; and * I agree to have the project carried out in the College in accordance with the funding requirements and/or contract. | |
|  |  |
| Dean of College / DVC \* | Date |

**\*** Note the Financial Project Approval delegations:

* Less than $500,000 (GST exclusive): Dean of Colleges, Directors of Institutes or equivalent
* $500,000 or more: Deputy Vice-Chancellor of Division or Senior Deputy Vice-Chancellor.

1. *Indicate if the researcher is currently an* ***E****mployee (incl. adjunct) or a* ***S****tudent of JCU, or is* ***N****ot affiliated with JCU.* [↑](#footnote-ref-1)