Research Support Survey 2008
Report of Results

Introduction
Twelve months following the establishment of a dedicated librarian to support research services at CDU, it was agreed that in 2008, a survey of the research community at CDU would be carried out to assess the success of the level of support being provided thus far, and to identify any gaps that existed from the feedback provided. If it was required, follow up to the survey would be carried out with focus groups.

Demographics
The survey was designed using Survey Monkey and responses from research/academic staff to the general Library Client Satisfaction Survey carried out in May 2008 were taken into consideration. Details of the online survey, with a link to the form, were posted to a number of mailing lists: research students; research supervisors; individual school staff and students lists; cdu general; list of workshop attendees. Attempts to identify external research students were also made and the survey link emailed out to them. The survey was carried out online from 18 October – 16 November 2008.

116 responses were received to the survey, of which 93 or 80.2 per cent were based at Casuarina Campus and 4 at Alice Springs Campus. Of these 23 or 19.8 per cent of respondents were from the School of Environmental and Life Sciences, 20 or 17.2 per cent were from the School for Social and Policy Research, 19 or 16.4 per cent were from the Menzies School of Health Research, 18 or 15.5 per cent were from the School for Environmental Research. There were a smaller number of responses from other schools: School of Education – 9; School of Creative Arts and Humanities – 8; Graduate School of Health Practice – 8; School of Health Sciences – 6; School of Engineering and Technology – 4; School of Law and Business – 3 ; School of Australian and Indigenous Knowledge Systems – 2. There were a further 4 in the “other” category: TEP Program, Genial staff undertaking a masters through another institution, Masters by coursework, SER.

Research topics
All 116 respondents outlined their topic of research. They were either research students undertaking a PHD or Masters by research at CDU, or were a research member of staff attached to one of the schools. The topics listed can be viewed by school to which the researcher is attached, in the appendix.

Bibliographic Information
95 or 81.9 per cent of respondents were managing their information by using EndNote bibliographic software, whilst 3 were still using cards and 2 were using web 2.0 tools. A further 20 ticked the other category box, and were using either Reference Manager, Zotero; personal latex file; Word or Excel to maintain their bibliographies.

Library support for research
The question on Library support for research was split up according to the following major areas: staff, research workshops, research consultations, electronic journals, electronic books, hard copy journals, hard copy books; infrastructure (PCs, study environment, etc.), interlibrary loan service and off campus library support.

Staff
Of the 115 respondents to the question on the level of staff support, 52 (45.2%) considered the support excellent; 36 (31.3%) considered it very good, 15 (13.0%) considered it good and 3 (2.6%) considered it fair. 9 respondents ticked the “don’t know” or “not available” box.
Comments included:

- The library staff and services are possibly the best I have encountered in Australia. This was a great - but pleasant - surprise!
- Staff is excellent.
- Staff are always friendly, and efficiently and promptly provide required information. The customer service provided by the staff is second to none.
- Have not used Library staff for all research areas but for the ones I have, they have been exceptionally helpful and knowledgeable.
- Having attended the university some years ago I didn't expect the staff to be as good or as helpful and knowledgeable as they are.
- The CDU Library staff are wonderful
- The area of library resource and support most used by me would be that of the staff involved with research development and support (Endnote workshops etc). My experience to date has been a positive one and is always a pleasure to source help and support from the staff members.

Research Workshops

Of the 112 that responded to the question on the research workshops being offered, 16 (14.3%) considered the workshops as being excellent, 42 (37.5%) considered them as being very good, 17 (15.2%) considered them as being good, 8 (7.1%) considered them fair, and 2 (1.8%) considered them poor. 27 respondents ticked the “don’t know” or “not available” box.

Comments included:

- Because I live in a remote community I am unable to access Research Workshops. The Library staff have been very helpful in giving me individual support when I can get to Darwin.
- It's more about my ability to retrieve electronic information rather than staff support, I have had lot of positive help but still find it hard sometimes to locate what I want. I will be requiring Off Campus Support for 4 months from December to March 2009, so I would prefer to respond to this later.
- More workshops in Alice Springs would be good
- I don't access the library, but as an external supervisor and a researcher based in Alice Springs, I sometimes feel that it would be good to be able to access training and support via CDU library. In practice one thing that stops me doing so is time constraints - and hence I am not clear if the option of attending would be open to me or my Alice based staff and collaborators in other organisations outside CDU.
- Pacing of workshops has not always matched the pace of the participants.

Research Consultations

Of the 107 respondents, 11 (10.3%) considered the research consultation service being provided as being excellent, 17 (15.9%) considered them as being very good, 14 (13.1%) considered them as being good, 6 (5.6%) considered them fair, 2 (1.9%) considered them as being poor. The remaining 57 (53.2%) ticked the “don’t know” or “not available” box.

Electronic journals

Of the 111 respondents to this question, 17 (15.3%) considered our collection of electronic journals as being as excellent, 26 (23.4%) as very good, 34 (30.6%) as being good, 17 (15.3%) as being fair, and 8 (7.2%) as being poor. 9 (8.1%) ticked the “don’t know” or “not available” box.

Comments included:

- As a remote researcher, the electronic journal and book access is invaluable for my research
- I am interpreting off-campus library support as access to journals and databases via staff log-in, which I find extremely useful.
- We need access to IEEE, IET and ACM
- The number of scientific journals in the library is limited
- For research in biological sciences (other research that I do that is not related to the workshop I attended, but is related to my work area) the subscriptions the library has are insufficient. Need to be able to access a much broader range of journals in plant science.
- I would suggest that the library subscribe to a wider range of journals to cover as many relevant research topics as possible. As it is, there are many journals that we cannot because CDU did not have any subscriptions, thus we have to either pay for each article or wait for 3-6 months until we get "open access".
- I am forced to use electronic journal access from membership of an interstate university due to the fact that clinical medical journals are so poorly available on-line from CDU.
- I use the University of Queensland cyber library for electronic versions of journals as I find it to have a more comprehensive collection
- I don't like the crossover tool. I feel it limits the scope of a search. I preferred the system that was in place around the second half of 2007.

**Electronic books**
Of the 110 respondents, 6 (5.5%) considered our collection of electronic books as being excellent, 10 (9.1%) considered them as being very good, 16 (14.5%) considered them as being good, 17 (5.5%) considered them as being fair, 8 (7.3%) considered them as being poor, and 53 (48.2) ticked the “don’t know” or “not available” box.

**Hard copy journals**
Of the 107 responses, 6 (5.6%) considered our hard copy journal collection as being excellent, 19 (17.4%) considered it very good, 24 (22.2%) considered it as being good, 28 (25.7%) as being fair, 14 (12.8%) as being poor, and 39 (36.5%) ticked the “don’t know” or “not available” box.

**Hard copy books**
Of the 109 respondents, 9 (8.3%) considered the hard copy book collection as being excellent, 19 (17.4%) considered it as being very good, 24 (22.2%) as being good, 28 (25.7%) considered it as being fair, 14 (12.8%) as being poor, 15 (13.7%) ticked the “don’t know” or “not available” box.

Comments included:
- I only really use books and am impressed with the stock and the way they are maintained and stored. Have also received assistant from my school's library liaison officer. Really appreciate this point of contact - increases productivity.
- I access both this library's services and the other institution's services, and I find it really useful to be able to access hard copy books here. It's been particularly helpful with regards to both older journals and books on research methodologies. Just browsing for books is good - sometimes I leave with an armful that I wouldn't have taken had I had to have them posted to me from the other institution.
- There are not many books available in general ecology, or very old. In general, many hard copy books are too old.
- Hard copy books are old, pedagogy of medical/health education is not up to date particularly for indigenous.
- CDU library book collection is limited so ILL plays a great role to research students. I would suggest the ILL service is strengthened to help research students: either through wider network of library or connection to other library.
- Have found quite a few excellent current books on mathematics research are not available through the CDU library, and current Indigenous educational research is also lacking.
- Although there is a good broad coverage of most disciplines books tend to be a bit dated and the more current expensive, technical books are not as well represented as at larger metropolitan universities. Appreciated is the very generous loan periods for higher level students.

**Infrastructure**
Of the 108 researchers that responded to this question, 13 (12.0%) considered our infrastructure, that is, PCs, study environment, etc., as being excellent, 21 (19.4%) considered it as being very good, 24 (22.2%) considered it as being good, 6 (5.6%) considered it as being fair, 1 (0.9%) considered it as being poor, and 42 (39.8%) ticked the “don’t know” or “not available” box.

Comments:
- It would be excellent if the library had a dedicated silent study area that for computer users.
  The learning precinct is good but can get very noisy
- The library can be quite noisy at times even in quiet study areas

**Interlibrary loan service**
Of the 111 researchers that responded to this question, 38 (34.2%) considered our interlibrary loan service as being excellent, 16 (14.4%) considered it as being very good, 24 (21.6%) considered it as being good, 3 (2.7%) considered it as being fair, 2 (1.8%) as being poor, and 28 (25.2%) ticked the “don’t know” or “not available” box

Comments:
- The interlibrary loan interface for obtaining journal articles (either through the portal or the interlibrary loan service) is excellent. It's clear, straightforward and with nothing fancy, which means it works efficiently. Please don't change it!
- I have appreciated the service of Off Campus enormously, especially Debbie Lewis. No problem is too hard for them, and everything I ask for, even quite esoteric sources, is provided in a timely way.
- ILL requests were satisfied very quickly and efficiently. Limited Maths resources are held in the library as there is limited demand but staff were always helpful.
- CDU library book collection is limited so ILL plays a great role to research students. I would suggest the ILL service is strengthened to help research students: either through wider network of library or connection to other library.
- CDU doesn't appear to have subscriptions to many of early childhood journals I have searched for. I emailed a couple of days ago and the only response I've received seems to be an automated message that the request has been received. I don't know whether the request will be actioned or not (so therefore don't know whether I should be sourcing the publication elsewhere).

**Off Campus Library Support**
Of the 107 respondents, 12 (11.2%) considered off campus library support as being excellent, 14 (13.1%) as being very good, 15 (14%) considered it as being good, 4 (3.7%) as being fair, 1 (0.9%) as being poor, and 61 (57%) ticked the “don’t know” or “not available” box.

Comments:
- I could not do my research if it was not for the dedicated and outstandingly professional staff and service that I have received from the library - in particular the off campus library support. I am so very grateful to have them and that the university is able to provide such services to students.

Overall research support comments:
- Its excellent
- The library staff and services are possibly the best I have encountered in Australia. This was a great - but pleasant - surprise!
- The library is great resource though being off-campus, I use it very rarely. Accessing electronic journals through the library's database can sometimes be difficult. What support I have had has been very good.
- Haven't been here long enough to access a number of these services, however assistance from Library staff has been outstanding!
- I have ticked N/A for services I have not recently used, or was not aware of. I do refer new research or project students to the liaison librarian for an appointment for orientation purposes and encourage them to attend library-run workshops, which are always well received by the students
- I have written don't know for the 1st 3 questions because I haven't interacted with these apart from 1 EndNote course. I don't really know what support there is for research - I send in requests for books and that is about it. Its not a criticism of the library as I haven't sought research support from the library
- Have not used Library staff for all research areas but for the ones I have, they have been exceptionally helpful and knowledgeable.
- The support was very good - I probably could have utilised research consultations more in hindsight.
- Have not used the service in the last 6+ months
- Staff are fabulously helpful and approachable but I feel there sometimes needs to be more depth to their knowledge. E-journals are generally good, however greatly lacking when earlier publications are required. But the interlibrary loan service is prompt. I just hope I don't go over my quota! In my area of public administration the number of quality books is lacking.
- I appreciate that CDU is a small university and cannot have everything for everyone but Menzies is established in health research and the CDU library is inadequate for my needs. I am aware that Casuarina has more support than Alice Springs and acknowledge this is due to numbers. I have had to seek an honorary position at another university just so I have access to library facilities specific to health. I don't know anyone at Menzies that only uses CDU library, everyone seems to be reliant on connections to another library. Thankfully the local department of health library has been very supportive of me personally but has been advised they should not provide library support to Menzies staff as we are meant to use CDU.

Research Workshops

Workshop Attendance
A number of workshops have been offered specifically to researchers at CDU over the last 18 months. Of all respondents, 41 (35.3%) attended the Advanced Information Skills Workshops, 14 (12.1%) attended the Using Health databases workshops ( 2 offered); 13 (11.2%) attended the Setting Up Alerts workshop (one offered); 12 (10.3%) attended the Using education databases workshop (one offered with 9 participants); 11 (9.5%) attended the Finding Theses workshops (two offered); 8 (6.9%) attended using the National Archives databases workshop (one offered); 6 (5.2%) using the Tracking Research workshop (3 offered); 4 (3.4%) attended the Using National Citation Reports workshop (. 70 (60.3%) researchers indicated they had attended an EndNote training workshop. EndNote workshops have been run by CDU Library staff on a regular basis for a number of years now.

32 (27.6%) of respondents indicated they had not attended any of the workshops.

Usefulness of workshops
Of the 76 responses to this question, 64 or 84% found one or more of the workshops useful, and 6 or 8% did not find the workshops useful.

**Other workshops**

37 responded to the question on whether there were any other workshops the Library could provide to better support them. 6 or 16% of respondents made suggestions for further workshops the Library could run:

- copyright/Intellectual property
- hard copy book searching
- working with master documents
- effective use of Crossecacher
- all existing workshops to be offered at AS Campus

There were also suggestions for what would be considered non-library workshops to be held:

- Nvivo
- Presentation Skills
- Advanced PP
- Advanced Word
- Fundamentals of Excel
- MS Office
- Access
- Electronic Publishing

**Online research tutorials**

Of the 116 researchers that responded to the question on whether they used any of the following CDU online research tutorials: Library podcasts, video tutorials, Researching Skills page, MyResearch web page, 93 or 80.2% said that they had not used any of them. Of those that had used them: 16 (13.8%) had used the MyResearch web page; 12 (10.3%) had used the Researching Skills page; 4 (3.4%) had used the video tutorials; 3 (2.6%) had used the podcasts.

Of the 19 respondents to the question on whether they found the above online tutorials useful, 6 (31.5%) found them useful, 4 (21%) didn’t, and the remaining either didn’t know about the tutorials or hadn’t used them.

Of the 20 that responded to the question on whether there were any other online tutorials that they would find useful, 6 made suggestions:

- How to use discussion board
- Excel and Access GIS (ArcGIS)
- Web page management as a research & education tool
- General Statistical Overview
- Yes, this will include programs such as EndNote etc
- How to format your thesis using Microsoft Word

Of these the last two are already currently being offered.

**Areas for improvement**
Researchers were asked to identify one area of research support in the Library that could be improved. The responses (with the number and percentages in brackets) are grouped below according to broad subject categories:

- **Layout of CDU Library web page** (2 or 2.9%)
  - I still find (after 4 years) finding some items on the web rather hard. One has to remember how to find some things, e.g. interlibrary loans, and since I don't ask for these very often (I have borrowing rights at UWA and get most of what I want through there) I sometimes have to ask. I really suggest attention to revising the webpage design.
  - Organise maybe a bit differently the website, because personally I find it difficult to know what are all the facilities that the library website gives. I am sure that I am not using tools that could be very helpful for my research.

- **Access to resources** (7 or 10%)
  - Fix the catalogue!!!!!!. You can search on a title and not find something then search through author and eventually find it (This is a waste of time). The catalogue and search engines need to find things first time, it is a poor system. .... Get something more efficient, effective and user friendly than the current Cross searcher - it would be tolerable if it were up to the task but it is hardly satisfactory for even undergraduate research. I have had myself and a research assistant check for a reference unsuccessfully (3X), apply for the paper through interlibrary ..... to be then sent a notice that it is available electronically through the library..... On a full text search many many of my recent searches have produced abstract only material. You then have to work your way through the listed providers to find the one that might be full text (if it is there). Full text should mean full text.... I believe that this leads to many problems for students and staff alike.
  - Perhaps easier access to the Special Collection. Ought to be able to browse through to find documents.
  - Provide a more flexible cross search tool for literature searches.
  - Info on journal IP. I would find it helpful to know more about the IP issues with making my papers accessible via our CDU website. I know journals/publishers have different rules about when you can make PDFs available, but this is the sort of thing that I don't have time to chase. It would help me and my lab if we could provide a list of papers/journals and get an ok on whether I can make a PDF on our website.
  - Maybe you might look at services for Alice Springs community and systems for Alice Springs community (and staff in NGOs etc) to access library resources.
  - Tracking down music recordings
  - I find it difficult to track down recordings of music , difficult to search for a particular piece unless I know the CD that it is on.
  - Make the databases easier to access and use.
  - Increase in the operating hours of Library, specially on Saturday and Sunday...

- **Better promote services to researchers** (2 or 2.9%)
  - I think everything is done already. Perhaps something to consider is making research students more aware of what assistance they can receive.
  - Promotion of services to staff and students

- **Feedback sessions** (1 or 1.4%)
  - No immediately identifiable absences - perhaps the research students could have a couple of semi-formal gatherings with the staff each year to hear their concerns and praise?

- **Online journals** (26 or 37%)
  - On-line access to journals
  - for the purposes of my research, all of my requirements are mostly fulfilled. Having said this, you can never have access to enough online journals/databases!!!!
Sometimes electronic journals don't seem to be quite up to date. For example, I have electronic access to electronic journals at this university and two other universities, and sometimes one of the other unis seems to have the latest copies of journals a month or two earlier. Not sure why, but because my topic is very contemporary, it does sometimes matter.

- Wider range of journals available electronically
- Subscription to more journals
- better access to electronic journals
- greater e-journal access
- extend on-line full-text journal access
- More e-journals
- Greater expansion of ejournals as we move away from hard copy publications.
- increase electronic journals range
- The only area that I find lacking is the access to a wider range of electronic journals.
- More e-journals
- Older electronic journals made available - many are from mid to late 1990s
- very limited journal access for me with cdu. can interlibrary loans be done online, with delivery to MSHR?
- Greater availability of medical electronic journals (beyond those available free-to-access) - i.e. the latest journals from the largest medical journals
- joint sharing of journals with DHF
- more health resources or a reciprocal agreement with a large university specialising in health
- Knowledge concerning health measurement tools - whether there is a database available displaying all the measurement tools available between academic libraries, as well as contact details of possible further assistance where there is non available through CDU.
- Provide more access to online journals, e.g. ACS and RSC databases that were on trial. Both were extremely helpful.
- Increased access to online electronic journals in the area of environmental and biochemistry
- More complete coverage of ISI rated journals in the Web of Knowledge - currently only goes back to 1992.
- Perhaps more basic computer search skills for mature age students, and certainly an up-date of educational research material in maths education would be good. I'm not sure if there is a process where research students can suggest books the Library could buy, if there is I'd gladly send suggestions.
- List of Australian Aboriginal research related to environmental science and other fields. Indigenous/Aboriginal searches gives you many examples from USA, Canada & Australia. Would be great to get help starting a list of research examples from an Australian Aborigine context.
- Electronic access to full-text articles for more biomedical journals would be good. The current collection is much better than it used to be, but I still have trouble accessing articles from many biomedical journals through the CDU library.
- Funding for specific resources - e.g. the CD collection of Bach manuscripts

- Unfortunately being off campus I haven't made much use of the library. Online subscriptions and tutorials would be good

- **Hard copy books and journals** (6 or 8.6%)
  - Availability of more books regarding Pharmaceutical Sciences.
  - Maths journals!
  - more books on recombinant proteins, proteomics and genetics for effective background reading and effective literature review
  - Some relevant hard copy journals

- **Interlibrary loan service** (3 or 4.2%)
  - When an interlibrary loan request is taking a long time or cannot be found, staff should let us know. I have one request about 4 months old.
  - Interlibrary loan process tends to be lengthy and periods of loan tend to be of short duration. If the process could be better streamlined (e.g. DB system retains memory of regular users so borrowers don't have to re-enter same details each time) this would improve Interlibrary loans.
  - Response to email requests for interlibrary loans

- **Workshops and training** (8 or 11.4%)
  - A more personalised approach rather than 'on line tutorials'
  - More advanced workshops
  - I don't know if there's sufficient numbers, but it might have been helpful to do participants in groups by school/research areas.
  - Less hurried workshops on EndNote and databases and more individual tuition.
  - Provide more library-led courses to the Alice campus
  - Essentially, consideration that the mandatory and elective generic skills workshops are not accessible to all. Perhaps look at a policy handbook for supporting remote external students who cannot access the campus. As I have already stated, the research staff at the Library have been incredibly flexible and supportive and have met my needs as best they can, including offering to work with me on Saturdays if I should have the chance to get into Darwin on a weekend.
  - Keep training staff and sharing information so there is greater depth of knowledge for library clients to draw on.
  - Assistance with advanced word skills for writing and formatting a thesis

- **Infrastructure** (1 or 1.4%)
  - The research support through the library is very good. If anything, more quiet study areas and reliable printing services would be appreciated.

There were a number of suggestions for improvements which were beyond the scope of the Library (5 or 7.1%), but may be considered appropriate for the Research Office to follow up on:

- Better training and accountability of the supervisors (not a Library issue I know)
- Help on academic writing for publication IN campus
- It is indirectly connected to research support, although various training that relates to research support or action research would be useful; i.e. training in the use of Microsoft Office Excel (Spreadsheet).
- staff would could do small literature searches for me
- As a research student I would definitely say by organizing more workshops and if possible try to cover every aspect of research phase.
Seven or 10 per cent of researchers commented that they were happy with the service currently being provided:

- The fact that the library is available and able to provide support when needed is very reassuring.
- I have found staff to be really helpful with chasing up journal articles. This is a main area of support I need in doing my research work, so it's not really an area that needs improvement, but really to say keep up the great work.
- I think you do a great job already.
- Nothing comes to mind! :)
- None really. I am happy with the service
- I think the service I have already is pretty good. Thank you.
- I honestly can't think of one.

One researcher stated that “None meets my needs” and another selected the N/A.

**Discussion**

By far the gaps identified in the survey are in the area of the library collection, online journals in the science and medical area in particular. In the current financial climate, and with the current exchange rate, it is unlikely that we will be able to obtain additional funding to acquire any further online databases. Therefore it would be useful to get researchers to work with Library staff in profiling the collection, and streamline the existing collection based on usage statistics. Currently close to 75 per cent of the budget is spent on online materials leaving few funds to purchase hard copy materials.

**Recommendations**

- More support for researchers based off campus. One suggestion was that materials be made available on a DVD to external researchers and sent through the mail for those with poor internet access
- More support for Alice Springs staff both at the Campus and at Menzies. The current level of support will be continued but will need to be consolidated with additional support from staff based at the Campus Library
- Continued promotion of services to the research community including at research forums
- More workshops on Advanced Word and thesis formatting
- As far as possible make Cross Searcher more flexible and more user friendly
- Additional workshops targeting small specialised groups
- Acknowledgement email when ILL request placed
- Quiet study area within the Library
- Make the Library web page more user friendly
Appendix I

Research topics by School

Graduate School of Health Practice

- Hand washing
- Health Systems, Policy and Culture in providing Birthing Services
- Internationally Qualified Nurses/Competency Assessment
- examining health professionals interactions with Aboriginal and Torres Strait Islander families that access maternal and child health services
- Improving maternal and child health services in remote Aboriginal communities - establishing baseline data through the use of population health data.
- screening for fetal abnormality in pregnancy
- maternal and child health
- maternal health child health indigenous health

Menzies School of Health Research

- Mental Health and indigenous people
- My research is looking at ways to improve severe ear infections in young Indigenous children.
- Researching and writing new courses, establishing some pedagogic research base, Disaster and Emergency, teaching, setting up a teaching mentoring system.
- Gambling and social determinants of health in Indigenous communities in the NT
- Respiratory disease in children
- body composition
- My research area focuses on the genotyping of a new Staphylococcus lineage, namely clonal complex 75 (CC75). At this stage, I am incorporating a combination of molecular methods such as the multilocus sequence typing (MLST) and high resolution melt (HRM) to identify the population structure of the CC75 isolates.
- Immunization with Antenatal women in prevention of ear disease. Immunization of Pneumococcal 23 vial vaccine and dtpa Boostrix vaccine.
- Early antecedents of Chronic disease
- Clinical research - chronic diseases in Indigenous Australians
- life course epidemiology
- Mental Health and public health
- Understanding Intersectoral collaboration
- none personally but support health researchers
- Gambling and social determinants of health in Aboriginal communities
- sexual health
- Biomedical science
- characterisation of a protein "aspartic protease " from scabies mite
- Developing Rapid Diagnostic assay for Scabies I am working as Post-doctoral fellow in Skin pathogens research laboratory for past 6 months. I am mainly involved in immunology of skin responses, scabies mite protein expression, proteomics of mite allergens and allergy responses and related research work. I am working in local inflammatory responses of scabies mite allergy patients and their IgE level screening in indigenous communities.

School of Australian and Indigenous Knowledge Systems
Indigenous social relations
various

School of Creative Arts and Humanities
- East Timor political development.
- Indigenous land use in Australia and East Timor, Malay speaking Hindus in Malaysia Local systems of authority in East Timor
- I am researching the political role of the Pesantren (Islamic Boarding School) system in East Java.
- Northern Territory history with an emphasis on religious history
- Masking and virtual reality
- The manuscripts of JS Bach and Anna Magdalena's involvement

School of Education
- Natural resource management and health mapping in eastern Indonesia. Arts-based learning in early childhood
- Biosecurity through Community Engagement; the OrdGuard Case Study To determine the manner in which information and new knowledge is exchanged within and across 6 different sub-groups in the community
- Aboriginal philosophy, technology, epistemology
- Live Music Performance / Cross-cultural communication
- Teaching and learning mathematics in a bilingual and bicultural context - at Galiwin'ku and Mapuru Homelands.
- I have completed a literature review on the trends in the teaching of writing in Australian schools from the 1950s to the present and the research which has influenced this teaching, with suggestions for future directions. The title of this review is: 'From product to process, to genre theory and beyond: Toward an 'apprenticeship' model of teaching writing'.
- Comparing the effect of extensive reading and free writing on developing writing skill
- Adult education and community capacity building
- Mentoring Indigenous staff in remote communities in the Northern Territory.

School of Engineering and IT
- Biomedical Signal Processing
- Biomedical Engineering
- Combinatorial mathematics
- Structural and road engineering

School of Environmental and Life Sciences
- Various topics in ecology and plant science
- frog ecophysiology
- Natural resource management and health mapping in eastern Indonesia. Arts-based learning in early childhood
- Plant physiology
- Research concerned with heavy metals in seawater and wastewater.
- Ecology, savanna ecology, fire ecology, weed ecology
- Biology, Plant Biology, Physiology, Pathology, etc.
- livelihoods & rural communities south east Asia
• a variety of research topics, although primarily focused on Natural Resource Management and
  the use of non-timber forestry and natural products.
• Molecular modelling of biological macro molecules, like proteins and crystalline substances
• Sediment Source Identification
• Wetland management, weed management, plant population ecology
• submissions for the Research Quality Framework that was abandoned with the change of Federal
  Government.
• ecology of tropical rivers
• Ecological weed control
• Health sciences
• My project is looking at overtime change in riparian vegetation and channel as well as gullying
  in riparian areas. This involves ecological and geomorphological process as well as little bit of
  hydrology. It will use various resolution satellite images, aerial photographs and LiDAR data
  integrated in GIS as a tool to investigate project's aims and objectives.
• Determining the effect of fire on Grey-crowned Babblers using GIS and remote sensing.
• Site fidelity and migration of stingrays at Ningaloo Reef
• Using satellite imagery for vegetation mapping
• Environmental chemistry, Mining
• planning for community based tourism
• Due to the nature of my position, my research topics are varied. My position is primarily
  designed to provide support for various research projects and research students - such topics
  include; natural resource management; the use of non-timber forestry products and enterprise
  development in Indonesia and northern Australia; health mapping - the use of GIS to
devlop/improve health data and facilities in the eastern Indonesian region

School for Environmental Research
• Carbon sequestration, reforestation, soil analysis, fauna research, fire research & management
• I'm looking at food web structure and dynamics in tropical river systems, and developing
  guidelines and tools to support environmental flows assessments.
• a variety of research topics, although primarily focused on Natural Resource Management and
  the use of non-timber forestry and natural products.
• Protected Area Management. Developing an assessment framework to measure effectiveness of
  Joint Management of Parks and Reserves in the NT between Aboriginal People and Parks and
  Wildlife Service. This research requires information on 'governance of natural resources and
  protected areas', 'collaborative management', 'management effectiveness of protected areas', and
  'adaptive management'.
• Scenario planning for climate change. The aim is to look at what might happen within different
  scenarios of climate change for the natural resource management in Alice Springs and the
  Dhimurru Indigenous protected area.
• Visual sociology (within the context of environmental research/management)
• A range of issues relating to livelihoods and policy research and natural resource management
  including: legislation, threatened species, conservation, etc
• Strengthening Indigenous capacity in water policy and planning
• assessing the impact of marine protected areas establishment towards community livelihoods.
  Case study: Pantar island, NTT, Indonesia.
• Contribution of natural resources to Indigenous livelihoods in Ramingining, north Australia

================================================================================================================================ The
subsistence harvest of natural resources by rural households is a key livelihood strategy in
developing countries. But to what extent is this subsistence harvest crucial to the wellbeing of
Indigenous people in North East Arnhem Land within Australia’s developed economy?
Although there are extremely limited non-natural resource-based employment opportunities in this region, Ramingining is endowed with rich and relatively undisturbed natural resources that are potentially suited to natural resource based enterprises. Using a sustainable livelihoods framework this research will assess the current contribution of natural resources to the local economy of the Ramingining region.

- Grass sex
- freshwater food webs and flow-ecology relationships.
- To develop a method of monitoring water quality in Darwin Harbour, with respect to heavy metals, using brain corals.
- Savanna dynamics and conservation Monsoon Rainforest ecology
- varied: ecology/biogeography/biology of plants and animals
- wildlife ecology: impact of weeds on biodiversity
- Freshwater Ecology
- Due to the nature of my position, my research topics are varied. My position is primarily designed to provide support for various research projects and research students - such topics include; natural resource management; the use of non-timber forestry products and enterprise development in Indonesia and northern Australia; health mapping - the use of GIS to develop/improve health data and facilities in the eastern Indonesian region

School for Social and Policy Research

- Population studies/Indigenous health
- Joint management of Kakadu National Park
- Remote Aboriginal education and remote enterprise based on natural and cultural resources.
- Causes and consequences of population turnover in the NT
- Investigating the relationship between the NT’s population turnover and place
- Gambling and social determinants of health in Indigenous communities in the NT
- I have completed a literature review on the trends in the teaching of writing in Australian schools from the 1950s to the present and the research which has influenced this teaching, with suggestions for future directions. The title of this review is: 'From product to process, to genre theory and beyond: Toward an ‘apprenticeship’ model of teaching writing'.
- Currently researching literacy
- Historical and spatial demographics
- Indigenous literacy Attachment theory and practice Social and emotional health in indigenous communities
- Exploratory case study in relation to the effect of explicit phonological instruction to an Indigenous cohort in preschool context
- American birdwatchers and their potential as a market for the Top End
- 4 different projects: The costs of formal inter-business collaboration in peripheral tourism: Implications for consolidating regional cooperation Developing a capabilities-based framework to assess readiness and strategic position of Aboriginal groups (communities, families, business) proposing to participate in regional tourism development Aboriginal/Indigenous Tourism research in Australia – findings, industry lessons, future research needs Understanding the market for indigenous tourism products: An application of choice modelling techniques to identify opportunities to develop Indigenous tourism products in the Northern Territory
- Medical anthropology
- Indigenous livelihoods
- Demographic change on the Tiwi islands from World War Two to the present
- Gambling and social determinants of health in Aboriginal communities
- How the lets start program (early intervention parenting program) improves parenting and child behaviour
Causes and consequences of population turnover in the NT

I am researching several topics in political economy and Indigenous policy

School of Health Sciences

- Health Literacy with young people. Participants will make their own personal health resource book.
- Research for essay/assignment topics - mostly chronic disease, communicable disease, sociology and health, epidemiology
- My research is in the area of Pharmaceutical Sciences and topic of research is Generic Substitution and Quality Use of Medicines. It’s about assessing the bioequivalence of different generics of the same medicine.
- exploring the psychosocial predictors of gambling behaviour
- Why with modern knowledge do women continue to experience painful breastfeeding and in particular nipple trauma?
- Various topics within psychology

School of Law and Business

- Essential service communications in Indigenous communities.
- Economics
- Telecommunication access facilitating social and economic development of Urban, rural and remote communities in the NT

Other

- TEP language and learning for academic study
- Exploring the attitudes of students towards interacting with other students online
- Research for essay/assignment topics - mostly chronic disease, communicable disease, sociology and health, epidemiology
- Ecology, Fisheries

Appendix II

Research Support

Charles Darwin University Library Survey of Research Staff and Students

Survey of Research Staff and Students

This short survey is an opportunity for you to give your feedback on how well you think the Library performs in the area of research support. Your opinions are valuable and will help us understand how we can work together to improve the resources and services provided by CDU Library. This is a confidential document and your input will make it worthwhile.

Thank you for your assistance.

Ruth Quinn
Director, Library and Information Access

1. Please identify your Campus

- [ ] Alice Springs
- [ ] Casuarina
- [ ] Katherine
2. Category of user - you may select one or more
- Research Student - Masters on campus
- Research Student - Masters off campus
- Research Student - PhD on campus
- Research Student - PhD off campus
- Research Staff, e.g. Research Fellow
- Other, e.g. Academic Staff, etc.

Other (please specify)

3. Identify your School
- Australian Indigenous Knowledge Systems
- Creative Arts & Humanities
- Education
- Engineering & Information Technology
- Environmental & Life Sciences
- Environmental Research
- Graduate School of Health Practice
- Health Sciences
- Law & Business
- Menzies School of Health Research
- Social and Policy Research
- Other

Please give details

4. Please give a brief description of your research topic.
5. **How do you manage your bibliographic information:**

- Referencing software, e.g. EndNote (If so, name software you use in box below)
- Wikis, blogs, or other Web 2.0 tools (Please specify tools used in box below)
- Cards
- Other
- Please specify

6. **How would you rate Library support for research in the following areas:**

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<th>Area</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Good</th>
<th>Fair</th>
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7. Have you attended any of the following workshops offered by the Library to support researchers? If yes, select one or more.

- Advanced Information Skills
- EndNote
- Finding Theses
- Setting Up Alerts
- Tracking Research
- Using Education databases
- Using Health databases
- Using the National Archives databases
- Using the National Citation Reports database
- No

8. Were the workshop/s you attended above, useful and if so, in what way?
9. Are there any other workshops the Library could provide to better support you? If so, provide examples.

10. Have you used any of the following online research tutorials? If yes, select one or more.

- CDU Library podcasts
- CDU Library video tutorials
- CDU Researching Skills page
- CDU MyResearch web page
- No

11. If you used any of the online tutorials listed above, did you find them useful, and if so, in what way?

12. Are there other online tutorials that you would find useful?

13. Identify ONE area that we could improve in the area of research support: