

INTERNAL RESEARCH CENTRES

Annual Progress Report

Research Centre Name

MQ Ancient Cultures Research Centre

Grant Reference Number

9200800660

e.g. IRIS record # 9200712345

Reporting Period:

October 2011 – October 2012

Centre Director:

Professor Naguib Kanawati

Contents

1. Research Program	1
2. Progress against objectives and KPIs	3
3. Proposed activities and KPIs for the next 12 months	5
4. Financial summary and Budget forecast	7
5. Membership of Centre	13
5.1 Centre Membership	
5.2 Management Committee	
5.3 Advisory Board	
5.4 Brief activity report of the Advisory Board	
6. Publications, Conference Presentations and Other Outputs	15
7. New Internal and external Grants or contracts	27
8. HDR students	30
9. Other comments on the effectiveness of the centre on promoting collaborative research	38
Appendix 1: Further Detail on Selected Projects and Research Teams	40
Appendix 2: Financial Statement of MQACRC Account as at 31/10/12	45

1. MQACRC RESEARCH PROGRAM October 2011 – October 2012

The MQACRC's overall theme of examining cross-cultural interaction via close analysis of texts and artefacts is advanced through three research programs: **CULTURAL IDENTITY**, **CULTURAL CONTACT**, and **ACCULTURATION**. These act as collaborative foci for individual projects (titles in italics below), to facilitate collaborative work. Projects within these research programs represent the key focus areas of the Centre: Egypt (from the Predynastic to Coptic periods); the Greco-Roman world (from Classical to Late Antiquity); and China and the Silk Road (full titles, descriptions, and researcher details for selected projects may be found in Appendix 1).

CULTURAL IDENTITY analyses the construction of cultural identity in ancient societies through the study of art, language and communication, and belief systems. Within this program, **Dzino** worked on his ARC APD project *Ancient and Medieval Identity-shifts* in Bosnia-Herzegovina, Serbia, Romania, and Croatia (App. 1.5). **Traviglia** conducted archival research at the Universities of Venice, Trieste, the National Archives of Venice, Gorizia, and Udine for her MQRF project *Beyond the city wall*, as well as research at the National Museums of Terni, Orvieto, Perugia, Todi and other local collections related to the *Australian Carsulae Archaeological Project*. **Chan** initiated a new project on *Cosmology in the Warring States Period*, working with collaborators at the Baptist University of Hong Kong and Tsinghua University, Beijing during the first half of 2012 (App. 1.1). **L. Evans** continued work on her ARC APD project *An Environmental History of Ancient Meir*, spending three days in May 2012 at the Metropolitan Museum of Art, New York, researching material from Meir (App. 1.6). **Nobbs** and **Choat** continued work on the project *Papyri from the Rise of Christianity in Egypt*, while **Beness** and **Hillard** had three substantial articles accepted during 2012 arising from the *Macquarie Dictionary of Roman Biography Project* (App. 1.11).

CULTURAL CONTACT analyses the character and impact of cultural contact in ancient societies, examining specific points and features of contact between the Centre's key focus areas. Analysis of the main corpus of texts and secondary texts allowed **Gillett** to produce three publications and a conference paper for his project on *Communication and Media in the Development of the Post-Roman/Early Medieval and Byzantine World* (App. 1.9). In Aarhus, Denmark, **Mikkelsen** worked as an affiliated investigator on the international project *Biblia Manichaica*. He also worked on his and **Lieu**'s ARC-funded project *China and the Ancient Mediterranean World*, making good progress with preparing the digital versions of Chinese Manichaean texts. **Lieu** and **Mikkelsen** worked on this project with PI Prof. Nicholas Sims-Williams (SOAS, University of London) during the latter's visit to MQ in November 2011 (App. 1.14, 15). The project also published its important final reports on the Manichaean and Nestorian sites in South China, especially at Quanzhou, during 2012 and began work on the Greek Anti-Manichaean writings of Serapion of Thmuis. With the assistance of colleagues from the Korfmann Institute and the Onsekiz Mart University (both at Çanakkale), **Lieu** conducted field survey work of the key-site of Sestos for the project *Gallipoli before Gallipoli* (App. 1.17).

ACCULTURATION analyses processes of acculturation in ancient societies through the study of art, language and communication, and belief systems. Within this program **Choat** worked in Göttingen with PI Heike Behlmer on their project *Communication Networks in Upper Egyptian Monastic Communities*, convening two panels on the project at the International Association of Coptic Studies Congress in Rome, September 2012. In Ann Arbor, Vienna, and London **Choat** examined papyri for the ARC project *Knowledge Transfer and Administrative Professionalism in a Pre-Typographic Society* (App. 1.2). **T. Evans** and CI John Lee led work on the ARC project *Words*

from the Sand (App. 1.7), drafting entries and training the team of RAs. In September 2012 they convened a Contact Forum of the Royal Flemish Academy of Belgium in Brussels on the project, which attracted participants from Europe, Australia (including MQACRC HDRs) and the USA. **Cromwell** undertook research in Oxford, New York (Columbia University, Pierpont Morgan, MMA) and Ann Arbor (Kelsey Museum and University of Michigan Papyrology Collection) on papyri relevant to her MQRF project *Scribal Control in Early Islamic Egypt* (App. 1.4).

Archeological fieldwork forms a major component of the MQACRC research program, with MQACRC teams working at sites in Egypt and Italy during late 2011 and 2012. In Egypt, **Ockinga** and **Binder** worked in Tomb 233 (App. 1.18) in Thebes in January–February 2012, photographing reliefs, translating texts in the broad hall and studying the pottery from the tomb's Coptic (Late Antique) occupation phase with Thomas Beckh (Munich). **Tristant** conducted three field seasons between November 2011 and July 2012 at Helwan, in the Eastern Desert for the Wadi Araba survey and at Abu Rawash, where the oldest boat ever found in Egypt was uncovered. **Ghica** conducted field seasons in the Western and Eastern Deserts for his project *Desert Monasticism in Byzantine Egypt* (App. 1.8). N. **Kanawati** conducted fieldwork at Meir, recording Middle Kingdom tombs and excavating small tombs from the First Intermediate Period, and completed the recording of the tomb of Khnum-hotep II at Beni Hassan (App. 1.12-13). During October 2011, **Traviglia** worked at Terni, Italy for the Macquarie-based *Australian Carsulae Archaeological Project (ACAP)* and conducted three fieldwork seasons between November 2011 and July 2012 at Udine, Italy for her MQRF project *Beyond the City Wall*. **Beness** and **Hillard** continued their collaboration with the Australian Institute of Archaeology at Athens on the topographical study of ancient Torone (App. 1.10).

The close study of physical artefacts from antiquity is a particular research focus of the MQACRC. Within the Centre's strong focus on papyrology, **Cromwell** and **Choat** examined papyri in a number of Northern Hemisphere collections (see above, s.v. ACCULTURATION). The MQACRC also advanced its program of collaboration with the Sciences. **Sheedy** and **Gore** began a new ARC-funded project on Athenian coinage (*A Spring of Silver, a Treasury in the Earth*), conducting research in the Département des Monnaies, Médailles et Antiques in the Bibliothèque nationale de France and the Athens Numismatic Museum, performing XRF analysis of over 180 silver coins minted in Siphnos, Northern Greece and Athens (App. 1.19). **Traviglia**, **Gore**, Karl Van Dyke & collaborators from UNSW and Italy continued work on the authentication of Roman glassware and have now measured ~70 pieces. **Tristant** initiated a new MQNS-funded interdisciplinary research partnership with Macquarie Medical Imaging to undertake scientific investigation of archaeologically-derived human remains from ancient Egypt using non-invasive diagnostic medical technologies, including ultra-high resolution CT scanning (App. 1.21).

Infrastructure: During 2012, the Archaeological Fieldwork Laboratory was established within the Centre, housed in W6A 312 and providing a home for equipment such as a Terrestrial scanner, Total Station, and GPS systems, purchased with RIBG and MQSIS grants in 2010-2011. These have already been used in the field both by ACRC members (**Traviglia**, **Gore**) and researchers from other MQ departments (e.g. Environment and Geography). In partnership with Intersect and with Australian National Data Service funding (building on 2011 MQSIS funding), T. **Evans** and **Choat** worked during 2012 to create an online database for the Macquarie Papyri, which will be brought online in early 2013 (App. 1.3).

The ACRC continued during 2012 to build strategic partnerships with other Australasian institutions, in particular the Centre for Early Christian Studies at the Australian Catholic University (see 9.iii).

2. PROGRESS AGAINST OBJECTIVES AND KPIs 2012 (For full KPIs, see Section 3)

<i>Key Performance Indicator</i>	<i>Current Target</i>	<i>Actual Obtained</i>	<i>Comments</i>
1. Publications			
(a) A1/B1/C1/E1 outputs p.a.	50	68 (raw count)	75 weighted DEST Proxy outputs; 17 other outputs, see 6a
(b) All members research active	Full compliance	Full compliance	All members Research Active as defined by MQ RO
2. Peer Recognition			
(a) Track citations	Tracking of citations	Citations tracked	Via Google Scholar and self-counting
(b) Invitations to present keynote address etc	5	11	6c(i), d(ii)
(c) ERA	Successful performance	ERA 2012 Results not yet available	
3. Collaboration			
(a) International & national research collaborations	Maintain current collaborations	Current Collaborations maintained	Choat / Cromwell; T. Evans; Lieu / Mikkelsen; and Kanawati / L. Evans / Woods continued to work with international partners on ARC funded projects.
(b) New international or national research collaboration	1 p.a.	2	New ARC project with Choat and H. Behlmer (Göttingen); New collaborative links between Dzino and University of Belgrade in Serbia
(c) 3 reciprocal visits between Centre members and their overseas counterparts at overseas institutions p.a.	3	11	(1) 4 research collaborators visited MQ, plus many other international visitors for conferences, 9.i (2) 7 Centre members worked with collaborators at overseas locations, 9.ii
(d) Papers at major conferences in Australia or overseas	20 p.a.	23	See 6b-c
(e) Hosting major international conferences at Macquarie	1 per 2 years	5	See 6(d)
4. Research Training and Career Articulation			
(a) HDR students	60	96	
(b) New HDR students	15	14	
(c) HDR completions	5	12	7 further HDR candidates have theses under examination, see 8.c.ii
(d) Funding for short-term	1	1	Post-doc travelling fellowship

fellowship for thesis publication			for 2012 and 2013 to Tyndale House, Cambridge, secured.
(e) Post-doctoral fellowship (e.g. ARC DECRA; MQRF)	1	0	1 MQRF awarded to MQACRC applicant in Oct. 2012 after report period.
5. Financial Support			
(a) Applications for external research funding	8	11	2 CCK Foundation; 5 ARC DP; 4 ARC DECRA applications, see 7(d)
(b) External research grants	2	5	Including 2 ARC DPs, see 7(a)
(c) Total external research funding	150,000 pa	\$458,786	
(d) Internal research and infrastructure funding	\$50,000	\$169,747	Plus \$329,500 in internal infrastructure funding to support research
(e) Financial support from private sector	Private sector fund raising	New Foundation established	Ancient Mediterranean Studies Foundation inaugurated to support teaching and research on the archaeology of Israel
6. Marketing & Public Impact			
(a) Media coverage	Increase media coverage	Coverage of 2 projects	Research by Choat and Ghica; Traviglia; and Gore and Sheedy featured in media coverage, see 6e .
(b) MQACRC website	Maintain	Maintained	
(c) Seminar series	Maintain	Maintained	
7. Management Effectiveness			
(a) MQACRC Executive	4 meetings p.a	4	
(b) Advisory Board	1 Meeting p.a	1	Met on 13.8.12, see 5.4
(c) MQACRC AGM	1 Meeting p.a	1	To be held in late 2012
(d) Management mentoring	Mentor next generation of Executive	Mentoring as planned	
(e) New member centre pathways	Mentoring of new members	New members mentored	1 new member inducted into Centre, see 5.1
(f) New members	2	1	
(g) Strategic synergy with Faculty of Arts and MQ	Maintain	Maintained	
(h) Budget and income streams maintenance	Maintain	Maintained	
(i) Benchmark preparation	Prepare for benchmarking	Preparations continued	Benchmarking will take place as part of external review prior to MQRC Mature centre status application
(j) ARC CoE application preparation	Prepare for application	Preparations made	MACRC representatives attended university briefing on CoE scheme in October 2012

3. PROPOSED ACTIVITIES AND KPIS 2013

1. Publications

- a. 50 A1/ B1 / C1 / E1 outputs in highly ranked journals and publishers p.a. (i.e. MQ Research Activity threshold x 2)
- b. Maintain research active status of all Centre Members as defined by MQ Research Office

2. Peer Recognition

- a. Track academic impact of output via citations, to be recorded by each researcher
- b. 5 invitations to present keynote address or major paper, or convene a panel / section / program unit at a major international forum or conference p.a.
- c. Prepare for contribution to successful ERA performance by Macquarie, especially in FoRC 21

3. International / National Collaboration and Cooperative Arrangements

- a. Maintain current international or national research collaborations through to natural term of project
- b. Initiate one major new international or national research collaboration p.a.
- c. 3 reciprocal visits between Centre members and their counterparts at overseas institutions p.a.
- d. 20 papers presented at Major international conferences hosted in Australia or overseas p.a.
- e. Host 1 major international conference at Macquarie every 3 years

2013 PROPOSED ACTIVITIES (KPIs 1–3): During 2013, MQACRC members will continue to advance their research projects, which will be augmented by new projects for which funding was won during 2012 (see below, 7(a)). 10 archaeological missions are planned during late 2012 and 2013 in Egypt, Italy and Greece, as well as research trips to Northern Hemisphere libraries, archives, and museums. Centre members will present their research at major international fora, with a strong presence at key peak meetings such as those of the Society of Biblical Literature (Chicago, USA, Nov. 2012), International Association of Papyrologists (Warsaw, July 2013), and International Association of Egyptology (Alexandria, September 2013) (KPI 2b, 3d). Members will continue to publish the results of these projects in high-ranking outlets, thus maintaining research active status and contributing to a successful MQ ERA performance when the exercise is next held (KPI 1, 2c).

International research colleagues who have confirmed they will visit Macquarie in late 2012 and 2013 include: Professor Heike Behlmer (Egyptology and Coptology, University of Göttingen), and the two Janet Gale Fellows in Egyptology, Marc and Luc Gabolde (Université Paul Valéry – Montpellier III).

The following colloquia and conferences will be held under the auspices of the MQACRC (KPI 3e):

Epistolary Conversations III: the third instalment of a joint MQACRC / Centre for Early Christian Studies (Australian Catholic University) symposium, to be held in January 2013 as part of the Australasian Society for Classical Studies conference, to be hosted by Macquarie.

A workshop on the ARC-funded project *Knowledge Transfer and Administrative Professionalism in a Pre-Typographic Society*, to be convened by CIs **Choat** and **Cromwell**, and Research Associate R. Yuen-Collingridge in September or October 2013 at Macquarie.

Church & Synagogue: the Interaction between Jews & Christians in Antiquity (4/5/2013): Society for the Study of Early Christianity Annual Conference; invited keynote Prof. James McLaren (Australian Catholic University).

41st Computer Application and Quantitative Methods in Archaeology International Conference ‘Across Time and Space’, Perth 2013: Co-sponsored by ACRC, with **Traviglia** member of the organising and scientific committees.

The MQACRC will co-sponsor the 34th Australasian Society of Classical Studies Conference (Macquarie University, 18-20/1/2013) and the conference ‘Alexander the Great and His Successors: the Art of King and Court’ (17/1/2013), both convened by K. **Sheedy** and B. Menardier.

The 2013 Australian Centre for Egyptology Annual Conference, to be held in August 2013.

It is also planned to hold a roundtable workshop on ‘Future Directions in Ancient World Studies in Australasia’, to which the MQACRC would invite select representatives from prominent Departments and Centres of ancient world studies in Australia and New Zealand to discuss the future of the field (see 9.iii).

4. Research Training and Career articulation

- a. Maintain at least 60 HDR students under the supervision of Centre members
- b. Attract 15 new HDR students to work in the Centre p.a.
- c. 5 HDR completions p.a.
- d. Secure funding for at least one post-doctoral short-term fellowship for thesis publication p.a.
- e. Secure at least 1 post-doctoral fellowship (e.g. ARC DECRA; MQRF) p.a.

2013 PROPOSED ACTIVITIES (KPI 4): Recruiting for 2013 and progress of current HDR students indicates KPI 4a-c are on track for 2013. Centre members will devote considerable energy to attracting external sponsorships for short-term postdoctoral fellowships and doctoral grants in aid, and assisting with DECRA / MQRF applications (KPI 4d-e).

5. Financial Support

- a. Submit 8 applications for research project funding to external competitive grant agencies p.a.
- b. Attract 2 external competitive research grants p.a.
- c. Maintain total external research funding of at least \$150,000 p.a.
- d. Attract at least \$50,000 in internal infrastructure, equipment, and seeding grants p.a.
- e. Increase financial support from private sector to support Centre after 5-year initial term of MQRC

2013 PROPOSED ACTIVITIES (KPI 5): The following application will be submitted for external funding:

Dzino, 'Religion and Social Relations in Ancient and Early Medieval Dalmatia and its Perceptions in Contemporary Australia' (ARC Future Fellowship).

Applications listed below at 7(d) which are unsuccessful in the 2012 ARC round will also be resubmitted, as well as new applications. MQACRC members will continue to work during 2013 on attracting income streams outside of external competitive funding bodies to support the operations and research of the Centre. These include the establishment of a new Society to support Coptic Studies.

6. Marketing of MQACRC Activities and Public Impact

- a. Increase media coverage of MQACRC projects
- b. Maintain MQACRC website projecting Macquarie University's image and attracting web-traffic
- c. Maintain a seminar series to promote the Centre and attract potential external collaborators

2013 PROPOSED ACTIVITIES (KPI 6): The MQACRC website will be updated regularly. Opportunities for media coverage of research will be targeted in cooperation with the Faculty of Arts and MQ Marketing teams; and the MQACRC will also continue the successful weekly seminar co-convened with the Department of Ancient History (KPI 6c).

7. Management Effectiveness

- a. MQACRC Executive to meet 4 times p.a.
- b. MQACRC Advisory board to meet once p.a.
- c. MQAGM of all ACRC members to be held once p.a.
- d. MQACRC Directors to mentor next generation of MQACRC Executive
- e. Maintain mentoring, grant-writing training and support, and inclusion in collaborative research projects pathways for new and potential Centre members
- f. Induct 2 new members who meet MQACRC entrance criteria into the Centre p.a.
New Research Fellows sponsored by MQACRC members automatically inducted into the Centre
- g. Ensure synergy between Research Centre, Faculty Research Plan, and MQ strategic goals
- h. Successfully maintain budget and income stream to support all MQACRC grant projects and activities
- i. Prepare for benchmarking against *Centre for Archaeology and Ancient History* (Monash University), *Institute for the Study of the Ancient World* (New York), *Centre for the Study of Ancient Documents* (Oxford) and *Oriental Institute* (Chicago)
- j. Prepare for application for ARC Centre of Excellence status at the next opportunity

2013 PROPOSED ACTIVITIES (KPI 7): The MQACRC will continue to seek new researchers who meet the entry criteria for research activity and research potential identified by the Centre Executive, mentoring junior members, mentoring junior executive members as part of succession planning, and continue liaising with domestic and international research partner for an ARC CoE bid at the next opportunity. During 2013, the Centre will undertake an external review of its operations as part of preparation for an application for MQRC Mature Centre process, and continue preparations for a possible bid for ARC Centre of Excellence status in collaboration with strategic domestic and international partners.

4. FINANCIAL SUMMARY AND BUDGET FORECAST

(a) Financial Summary 2012

(i) Operation Funding

The \$50,000 in Operating Funding granted to the MQACRC under the MQRC scheme for 2012 (\$48999.12 because of overrun from 2011) has been committed and expended as follows. A University generated financial statement system is attached as Appendix 2 (note that not all personnel commitments had registered in the Foresight system at the point of submitting the report).

As can be seen from the table below, the outstanding funds in the MQACRC account have been committed, and will be expended before the end of 2012.

Personnel	Committed	Payments	Outstanding Commitments
Administrative Assistant (A. Mourad)	15,761	12,051	3,710
Desktop Publication Assistant (R. Yuen-Collingridge)	11,893	0	11,893
Website Assistant (K. Dosoo)	2,218	664	1,574
Desktop Publication Assistant (graphic design)	5,000	0	5000
SubTotal	34,872	12,715	22,177
General Expenses			
Australian Consortium of Humanities Research Centres Membership	275	146	129
Conference Expenditure (travel, catering, venue, publicity)	5,000	668	4,332
Expenses for Chair of Advisory board (travel, accommodation)	494	494	0
Costs of ACRC Representative, Australian Consortium of Humanities Research Centres Annual Meeting	136	136	0
Subscription to Brussels Papyrological Bibliography	159	0	159
Visits of strategic partners to Macquarie	3,000	0	3,000
Centre Publicity and Outreach (Glass Display Cases, Printed material)	5,000	0	4,000
Sub-Total	14,064	1,444	11,620
Total	48,936	14,159	33,797

(ii) Research Funding

1. *External Research Funding*

Project, Scheme	Investigators	\$ 2012
China and the Ancient Mediterranean World (ARC DP1093687)	S. Lieu; G. Mikkelsen; L. Eccles; J. Markley; N. Sims-Williams; G. Greatrex; T. Loden	\$81,000
Knowledge Transfer and Administrative Professionalism in a Pre-Typographic Society: Observing the Scribe at Work in Roman and Early Islamic Egypt (ARC DP120103738)	M. Choat; J. Cromwell; H. Behlmer	\$50,000
A Spring of Silver, a Treasury in the Earth: Coinage and Wealth in Archaic Athens (DP120103519)	K. Sheedy, D. Gore	\$50,000
Immortal Egypt: Cultural Tradition and Transition during the First Intermediate Period at Meir (ARC DP08078239)	N. Kanawati; A. Woods; L. Evans; G. Robins	\$90,000
Macquarie Papyri Data Capture (Australian National Data Service Data Capture Program Grant)	M. Choat, T. Evans, A. Cregan (Intersect), C. Maxwell (Intersect),	\$110,000
Words from the Sand: A Lexical Analysis of Early Greek Papyri from Egypt (ARC DP1092819)	T. Evans, J. Lee, J. Aitken	\$77,000
Digitisation of images of coins of Hadrian (Royal Numismatic Society (UK))	K. Sheedy	\$786
Total		\$458,786

a. The MQACRC, represented by A. Traviglia (core contributor and member of the steering committee) was a partner to a successful funding application led by S. Ross (lead CI, UNSW): 'Federated Archaeological Information Management System (FAIMS)', Australian Government National eResearch Collaboration Tools and Resources -NeCTAR- initiative 2012: \$949,000 (2012/2013).

b. APD Salaries of c. \$130,000 (Dzino, L. Evans) are not included in this table.

2. *Internal Research Funding*

Project, Scheme	Investigators	\$ 2012
Christian Hermitages from Late Antiquity in the Desert Regions of Upper Egypt: An Historical and Comparative Archaeological Study (MQSN)	K. Parry	\$25,000

Scribal Control in Early Islamic Egypt: Integration and Effect of the Administration of a New Regime (MQRF Support)	J. Cromwell	\$15,946
Scribal Practice in Duplicate Documents on Papyrus from Graeco-Roman Egypt (MQRDG)	M. Choat	\$23,135
Strangers in a Strange Land: the Ancient Egyptian Mummies of Macquarie University (MQNS)	Y. Tristant	\$16,000
Beyond the City Walls: the Landscapes of Aquileia (MQRF Support)	A. Traviglia	\$14,666
Layers of Landscape: The Transformation of Aquileian Territory from Romanisation to Ruralisation (MQSN)	A. Traviglia	\$25,000
Grave Matters: Use, Re-use and Abuse of 'Sacred Space' in the Theban Necropolis (MQSN)	B. Ockinga	\$25,000
On the Edge: Provincial Politics and Power in Old Kingdom Egypt (MQSN)	N. Kanawati	\$25,000
Total		\$ 169,747

a. MQRF Salaries of c. \$130,000 (Cromwell, Traviglia) are not included in this table.

3. *Internal Infrastructure Funding*

Project, Scheme	Investigators	\$ 2012
Subsurface Imaging Equipment for the Location and Dating of Historical and Archaeological Artefacts (MQSIS 2012).	Faculty of Arts / J. Simons (This application was submitted through the Faculty of Arts, but the equipment will be managed and used by MQACRC members)	73,000
Small, Track-driven Drill Rig for Sediment Coring at Remote and Difficult-to-Access Sites (RIBG 2012)	K. Fryirs, K. Westaway, P. Hesse, D. Gore , G. Hose, T. Ralph, P. Fanning, I. Goodwin	93,500
X-ray Fluorescence Spectrometer (MQSIS 2012)	O'Reilly, Griffin, Pearson, Dazcko, Rushmer, Turner, Dadd, Schaefer, Handley, O'Neill, Gore	163,000
Total		\$ 329,500

(b) Budget 2013**(i) Operating Funding: MQRC Funding 2013**

Item	\$
Preparation for Centre Review / Centre of Excellence bid	
Personnel	
<u>Administrative Assistant</u> : 7 hrs/month for 12 months @HEW 5.1 @HEW 5.1 (\$40.30 + 17% on costs)	\$3,960
<u>Visits of strategic partners to Macquarie</u>	
Return Airfare Auckland–Sydney	\$700
Accommodation for 2 nights in Sydney	\$300
Return Airfare Brisbane–Sydney	\$250
Accommodation for 2 nights in Sydney	\$300
Workshop on ‘Future Directions in Ancient World Studies in Australasia’ (Publicity, catering, participant travel expenses)	\$2,000
Desktop Publication Assistance	
<u>Desktop Publication Assistant</u> : 7 hrs/week for 35 weeks @HEW 5.1 (\$40.30 + 17% on costs)	\$9,904
Public Impact, Communication, and Outreach	
<u>Web Assistant</u> : 7 hrs/month for 12 months @HEW 5.1 @HEW 5.1 (\$40.30 + 17% on costs)	\$3,960
Centre Publicity (folders, brochures, advertising)	\$1,000
Travel expenses of MQACRC Representative to Australian Consortium of Humanities Research Centres Annual meeting	\$250
Centre Administration	
<u>Administrative Assistant</u> : 7 hrs/week for 50 weeks @HEW 5.1 (\$40.30 + 17% on costs)	\$16,501
Subscriptions	
Australian Consortium of Humanities Research Centres Membership	\$275
Centre Research Resources	
Subscription to Brussels Papyrological Bibliography	\$900
Conference Funding	
Venue hire	\$2,200
Catering and publicity	\$2,000
Travel for keynote speakers	\$5,000
Advisory Board Expenses	
Travel and accommodation costs for Chairman	\$500
<i>Total Personnel</i>	\$34,325
<i>Total Equipment and Resources</i>	\$1,000
<i>Total Maintenance (Subscriptions and Conference Funding)</i>	\$7,375
<i>Total Travel</i>	\$7,300
Total	\$50,000

Justification for Operating Funding Budget

Preparation for Centre Review / Centre of Excellence bid

Personnel: Preparation for a 5th-year external review of the Centre and preparation for a possible bid for ARC Centre of Excellence Status will involve liaison with similar Research Centres in Australia and the Macquarie University Research office, investigation of similar Research Centres overseas, and collection of detailed data on the activities of MQACRC members. A member of the MQACRC Executive will lead this, and it is proposed to appoint an administrative assistant to support this work.

Travel: It is proposed to bring strategic partners and potential Centre of Excellence co-applicants from the Department of Classics and Ancient History, University of Auckland (Professor Tony Spalinger) and Centre for Early Christian Studies, Australian Catholic University, Brisbane (Professor Pauline Allen) to Macquarie during 2013, to hold strategic meetings on the CoE proposal and deliver research seminars. This will further the research and strategic collaboration between Macquarie and these institutions, and lay the groundwork for a potential ARC CoE application. An important part of this effort will be a workshop on 'Future Directions in Ancient World Studies in Australasia' (see 9.iii).

Desktop Publication Assistance: Several monograph series, which constitute an important part of the MQACRC research output, are prepared as high-quality pdf files (the equivalent of camera-ready copy) in-house. Specialized assistance is required with Desktop publication software, e.g. InDesign, as well as with image manipulation, and liaising with publishers on technical aspects of publication.

Public Impact, Communication, and Outreach: The MQACRC places great importance on outreach to the general public, internal student body, and potential HDR students, postdoctoral fellows, and research collaborators. Funding is therefore allocated for a Web-Assistant for the MQACRC website, which is the public face of the Centre and requires maintenance and updating on a regular basis. The Centre is also developing a range of printed publicity materials, for which supporting funds are sought. An MQACRC Representative will also attend the Australian Consortium of Humanities Research Centres Annual meeting.

Centre Administration: An Administrative Assistant working under the Centre Director is responsible for MQACRC correspondence, the maintenance of files and databases, assistance with the collation of annual reports, assistance with the organization of MQACRC conferences, and such other administrative tasks as arise in the course of running a Research Centre.

Conference Funding: The MQACRC is committed to staging international conferences at Macquarie (as stated in Centre KPIs) to aid in research collaboration and the diffusion of MQACRC research (for planned events, see 3.3). The budgeted amount is for seed funding, to be put towards the substantial costs of venue hire, catering, and publicity, and to contribute towards the cost of bringing domestic and international keynote speakers.

Subscriptions and Resources: Membership of Australian Consortium of Humanities Research Centres Membership, of which the MQACRC is a foundational member, ensures the maintenance of research synergy with other Humanities Research Centres in Australia. The Brussels Papyrological Bibliography is an important database tool used by many projects within the Centre, the use of which is essential for international quality work in papyrology and related fields.

(ii) Research Funding

To be expended on project costs during 2012 according to the budgets of the individual projects. (Currently held grants – to be augmented by any funding received in late 2012).

1. *External Research Funding*

Project, Scheme	Investigators	\$ 2012
Words from the Sand: A Lexical Analysis of Early Greek Papyri from Egypt (ARC DP DP1092819)	T. Evans; J. Lee; J. Aitken	\$40,000
Immortal Egypt: Cultural Tradition and Transition during the First Intermediate Period at Meir (ARC DP110100922)	N. Kanawati; L. Evans; A. Woods; G. Robins	\$90,000
Knowledge Transfer and Administrative Professionalism in a Pre-Typographic Society: Observing the Scribe at Work in Roman and Early Islamic Egypt (ARC DP120103738)	M. Choat; J. Cromwell; H. Behlmer	\$60,000
A Spring of Silver, a Treasury in the Earth: Coinage and Wealth in Archaic Athens (DP120103519)	K. Sheedy, D. Gore	\$50,000
Total		\$240,000

2. *Internal Research Funding*

Project, Scheme	Investigator	\$ 2012
Scribal Control in Early Islamic Egypt: Integration and Effect of the Administration of a New Regime (MQRF Support Grant)	J. Cromwell	\$16,350
Total		\$16,350

5. CENTRE MEMBERSHIP, EXECUTIVE COMMITTEE, AND ADVISORY BOARD 2012

5.1 Membership (25 Members)

Dr Lea Beness (Dept. of Ancient History)
Dr Susanne Binder (Associate Lecturer, Dept. of Ancient History)
Dr Shirley Chan (Senior Lecturer, Dept. of International Studies)
Dr Malcolm Choat (Senior Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)
Dr Jennifer Cromwell (MQRF, Dept. of Ancient History)
Dr Danjel Dzino (ARC APD, Dept. of Ancient History)
Dr Linda Evans (ARC APD, Dept. of Ancient History)
Dr Trevor Evans (Senior Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)
Dr Victor Ghica (Associate Lecturer, Dept. of Ancient History)
Assoc. Prof. Andrew Gillett (Dept. of Ancient History)
Assoc. Prof. Damian Gore (Dept. of Environment and Geography)
Assoc. Prof. Thomas Hillard (Dept. of Ancient History)
Professor Naguib Kanawati (Dept. of Ancient History)
Professor Samuel Lieu (Dept. of Ancient History)
Assoc. Prof. Paul McKechnie (Dept. of Ancient History / CoRE in Ancient Cultures)
Dr Gunner Mikkelsen (Senior Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)
Professor Alanna Nobbs (Dept. of Ancient History)
Dr Brent Nongbri (Dept. of Ancient History)
Assoc. Prof. Boyo Ockinga, (Dept. of Ancient History)
Dr Ken Parry (Senior Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)
Dr Ken Sheedy (Senior Lecturer, Dept. of Ancient History; Director, Australian Centre for Ancient Numismatic Studies)
Dr Arianna Traviglia (MQRF, Dept. of Ancient History)
Dr Yann Tristant (Lecturer, Dept. of Ancient History).
Professor Laurence Welborn (Dept. of Ancient History / CoRE in Ancient Cultures)
Dr Alexandra Woods (Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)

In accordance with the Centre's KPIs, an eligible researcher who met the criteria for MQACRC membership was invited to join the Centre in 2012: this was Dr Brent Nongbri.

5.2 Executive Committee

Director: Professor Naguib Kanawati (Dept. of Ancient History)

Deputy Directors: Professor Alanna Nobbs (Dept. of Ancient History),
Professor Samuel Lieu (Dept. of Ancient History)

Secretary of Executive: Dr Malcolm Choat (Senior Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)

Dr Linda Evans (ARC APD, Dept. of Ancient History)
Dr Trevor Evans (Senior Lecturer, Dept. of Ancient History / CoRE in Ancient Cultures)
Assoc. Prof. Andrew Gillett (Dept. of Ancient History)
Assoc. Prof. Paul McKechnie (Dept. of Ancient History / CoRE in Ancient Cultures)
Assoc. Prof. Boyo Ockinga (Dept. of Ancient History)
Dr Ken Sheedy (Senior Lecturer, Dept. of Ancient History; Director, Australian Centre for Ancient Numismatic Studies)

5.3 Advisory Board

Chair: Robert Milns (Emeritus Professor, School of Philosophy, Religion & Classics, University of Queensland)

Deputy Chair: Professor Iain Gardner (Dept. of Studies in Religion, University of Sydney; FAHA)

Professor John Simons, Executive Dean, Faculty of Arts

Professor Naguib Kanawati, MQACRC Director

Professor Alanna Nobbs, MQACRC Deputy Director

Dr Linda Evans, MQACRC Executive committee member

Dr Ian Shaw (Senior Lecturer, University of Liverpool, United Kingdom), External Advisor

Dr Cornelius von Pilgrim (Director, Swiss Institute for Architectural and Archaeological Research on Ancient Egypt, Cairo, Egypt), External Advisor

5.4 Advisory Board Activities

The Advisory Board met on the 13th of August 2012, presided over by Em. Prof. Bob Milns. During this meeting, decisions taken by the Executive over the previous 12 months were reviewed and approved. Progress of research and successful funding applications was noted; a proposed budget for 2013 was discussed and approved; and centre research plans for 2013 were discussed and an overarching research plan for 2012 approved. The proposed ARC Centre of Excellence was discussed, and the Advisory Board gave their approval to the current plans and direction. The agreement between the University of Vienna and Macquarie University on the Helwan project was also reviewed, with the External Advisors recommending that the MQACRC open dialogue with the University of Vienna on continued research cooperation.

6. PUBLICATIONS, CONFERENCE PRESENTATIONS AND OTHER OUTPUTS

(a) Publications by Centre Members

A1: Scholarly Books (2)

Kanawati, N., *The Cemetery of Meir, 1: The Tomb of Pepyankh the Middle* (Oxford: Aris and Philips, 2012).

Lieu, S. N. C. et al., *Medieval Christian and Manichaeian Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012).

A2: Authored Books – Other (1)

Parry, K., *Painting in Gold: An Exhibition of Ancient and Contemporary Icons*, Exhibition Catalogue, Macquarie University Art Gallery, 5 May – 10 June, 2011 (Sydney: Macquarie University, 2011).

A3: Edited Books (3)

Evans, L. (ed.), *Ancient Memphis: 'Enduring is the Perfection'. Proceedings of the International Conference held at Macquarie University, Sydney on August 14-15, 2008*, Orientalia Lovaniensia Analecta 214 (Leuven: Brill, 2012).

Lieu, S., Parry, K., et al., *Medieval Christian and Manichaeian Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012),

Parry, K. (series ed.), *Texts and Studies in Eastern Christianity*, vol. 1 (Leiden: Brill, 2011).

A4: Revised Books (2)

Ockinga, B., *Mittelägyptische Grundgrammatik* (3rd revised edition, Mainz: Philip von Zabern, 2012), xiv, 179.

Ockinga, B., *A Concise Grammar of Middle Egyptian* (3rd revised edition, Mainz: Philip von Zabern, 2012), xvi, 179.

B1: Book Chapters in Edited Collections (32)

Beness, L. and **Hillard, T.**, 'Rei militaris virtus ... orbem terrarum parere huic imperio coëgit: the transformation of Roman imperium, 146-50 BC', in D. Hoyos (ed.), *A Companion to Roman Imperialism* (Leiden: Brill, 2012), 141–153.

Hartley, M. and **Buck, A.**, and **Binder, S.**, 'Canine Interments in the Teti Cemetery North at Saqqara during the Graeco-Roman Period', in M. Barta, F. Coppens and J. Krejčí (eds), *Abusir and Saqqara in the Year 2010/11* (Czech Institute of Egyptology, Charles University: Prague, 2011), 17-29.

Choat, M., 'Christianity', in C. Riggs (ed.), *The Oxford Handbook of Roman Egypt* (Corby: Oxford University Press, 2012), 474-489.

- Choat, M.**, ‘Coptic’, in C. Riggs (ed.), *The Oxford Handbook of Roman Egypt* (Corby: Oxford University Press, 2012), 581-593.
- Cromwell, J.**, ‘48. Child’s Tunic’, ‘50. Tapestry Panel’, ‘51. Tapestry Band’, ‘70. Decorated Comb’, ‘71. Comb’, in C. Routledge (ed.), *Quest for Immortality: The Bolton Museum Collection* (Taipei: Chiang Kai-shek Memorial Hall Museum), 58, 59, 60, 64, 74, 75.
- Cromwell, J.**, ‘The Family of Germanos from Jeme: An 8th Century Coptic Family’, in M. Ayad (ed.), *Coptic Culture: Past, Present and Future* (Stevenage: Coptic Centre, 2012), 131-142.
- Dzino, D.** and Domić-Kunić, A., ‘Pannonians: Identity-Perceptions from the Late Iron Age to Later Antiquity’, in B. Migotti (ed.), *Archaeology of Roman Southern Pannonia. The state of research and selected problems in the Croatian part of the Roman province of Pannonia*, British Archaeological Reports – International Series 2393 (Oxford: Archaeopress, 2012), 93-115.
- Dzino, D.**, ‘The Impact of Roman Imperialism on the Formation of Group Identities in Some Indigenous Societies from the Eastern Adriatic Hinterland’, in A. Rufin Solas (ed.), *Armées grecques et romaines dans le nord des Balkans*, Akanthina 7 (Gdansk: Akanthina Publishers, 2012), 137-162.
- Evans, T.**, ‘Latin in Egypt’, in C. Riggs (ed.), *The Oxford Handbook of Roman Egypt* (Corby: Oxford University Press, 2012), 516-525.
- Evans, T.**, ‘Linguistic and Stylistic Variation in the Zenon Archive’, in M. Leiwo, H. Halla-aho, and M. Vierros (eds), *Variation and Change in Greek and Latin* (Helsinki: Finnish Institution at Athens, 2012), 25-40.
- Gillett, A.**, ‘Opium and Race Relations in Queensland’, in F. Foley (ed.), *Black Opium* (Brisbane: State Library of Queensland, 2011), 15-25.
- Gillett, A.**, ‘Ethnography and *Imperium* in the Sixth Century: Frankish and Byzantine Rhetoric in the *Epistolae Austrasicae*’, in L. Garland and G. Nathan (eds), *Basileia: Essays on Culture and Imperium in Honour of E.M. and M.J. Jeffreys*, Byzantina Australiensia 17 (Brisbane: Australian Association for Byzantine Studies, 2011) 67-81.
- Gillett, A.**, ‘Epic Panegyric and Political Communication in the Fifth-Century West’, in G. Kelly and L. Grig (eds), *Two Romes: Rome and Constantinople in Late Antiquity*, Oxford Studies in Late Antiquity (Oxford: Oxford University Press, 2012), 265-290.
- Gillett, A.**, ‘Communication in Late Antiquity: Use and Reuse’, in S. Johnson (ed.), *Oxford Handbook of Late Antiquity* (Oxford: Oxford University Press, 2012), 815-846.
- Hillard, T.**, ‘Velleius 2.124.2 and the Reluctant Princeps: The Evolution of Roman Perceptions of Leadership’, in E. Cowan (ed.), *Velleius Paterculus: Making History* (Swansea: Classical Press of Wales, 2011), 219-251.
- Hillard, T.** and **Beness, L.**, ‘Choosing Friends, Foes and Fiefdoms in the Second Century BC’, in D. Hoyos (ed.), *A Companion to Roman Imperialism* (Leiden: Brill, 2012), 127-140.

- Kanawati**, N., ‘The Memphite Tomb of Qar of Edfu’, in V. G. Callender, L. Bareš, M. Bárta, J. Janák and J. Krejčí (eds), *Times, Signs and Pyramids: Studies in Honour of Miroslav Verner on the Occasion of His Seventieth Birthday* (Prague: Czech Institute of Egyptology, Charles University, 2011), 217-231.
- Kanawati**, N., ‘Art and Gridlines: The Copying of Old Kingdom Scenes in Later Periods’, in M. Barta, F. Coppens and J. Krejčí (eds), *Abusir and Saqqara in the Year 2010/11* (Czech Institute of Egyptology, Charles University: Prague, 2011), 483-496.
- Lieu**, S. N. C., ‘Quanzhou’, *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 1-11.
- Lieu**, S. N. C., ‘Wu Wenliang and the Discovery of Christian and Manichaean Remains in Quanzhou’, *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 13-24.
- Lieu**, S. N. C., ‘The Church of the East in Quanzhou’, *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 25-52.
- Lieu**, S. N. C., ‘Manichaean Remains in Jinjiang’, *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 61-82.
- Gardner, I., **Lieu**, S. N. C. and **Parry**, K., ‘Catalogue of Christian and Manichaean Remains from Zayton (Quanzhou, China)’, in *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 83-128.
- Eccles, L. and **Lieu**, S. N. C., ‘Inscriptions in Latin, Chinese, Uighur and Phagspa’, in *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 129-150.
- Eccles, L. and **Lieu**, S. N. C., ‘Inscriptions in Syro-Turkic from Quanzhou (I) Epigraphical and Historical Background’, in *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 151-169.
- Franzmann, M. and **Lieu**, S. N. C., ‘Nestorian inscriptions in Syro-Turkic from Quanzhou (II) Texts and Translations’, in *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 171-214.
- Nobbs**, A., ‘Edification in the Early Egyptian Church: Evidence from a Bishop’s Dossier’, in M. Ayad (ed.), *Coptic Culture: Past, Present and Future* (Oxford: The Coptic Orthodox Church, 2012), 109-113.

Franzmann, M., Gardner, I. and **Parry**, K., 'The Indian Background: Connections and Comparisons', in *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 215-242.

Parry, K., 'The Art of the Christian Remains at Quanzhou', *Medieval Christian and Manichaean Remains from Zayton (Quanzhou)*, Corpus Fontium Manichaeorum Series Archaeologica et Iconographica 2 (Turnhout: Brepols, 2012), 243-262.

Ockinga, B., 'In Search of the New Kingdom Tombs in the Teti Pyramid Cemetery North: Preliminary Results of the 2009 and 2010 Seasons Conducted by Macquarie University', in M. Barta, F. Coppens and J. Krejčí (eds), *Abusir and Saqqara in the Year 2010/11* (Czech Institute of Egyptology, Charles University: Prague, 2011), 119-138.

Sheedy, K., 'Aegina, the Cyclades and Crete', in W. E. Metcalf (ed.), *Oxford Handbook of Greek and Roman Coinage* (Oxford: Oxford University Press, 2012), 105-127.

Tristant, Y., Midant-Reynes, B., 'The Predynastic Cultures of the Nile Delta', in E. Teeter (ed.), *Before the Pyramids. The Origins of Egyptian Civilization*, Oriental Institute Museum Publication 33 (Chicago: Oriental Institute of the University of Chicago, 2012), 45-54.

C1: Articles in Refereed Journals (22)

Beness, L. and **Hillard**, T., 'Another Voice against the "Tyranny" of Scipio Aemilianus in 129 B.C.?', *Historia: Zeitschrift für alte Geschichte* 61/3 (2012), 270-281.

Chan, S., 'Cosmology, Society and Humanity: *Tian* in the *Guodian* Texts (Part I)', *Journal of Chinese Philosophy, Supplement Issue: Confucian Philosophy: Transformations and Innovations* Supplement to 38 (2011), 64-77.

Chan, S., 'Zhong and Ideal Rulership in the *Baoxun* (Instructions for Preservation) Text in the Tsinghua University Collection of the Warring States Bamboo Slip Manuscripts', *Dao: Journal of Comparative Philosophy* 11/2 (2012), 129-145.

Chan, S., 'Equilibrium in Classical Confucian "Economy"', *Open Journal of Philosophy* 2/2 (2012), 100-106.

Chan, S., 'Cosmology, Society, and Humanity: *Tian* in the *Guodian* Texts (Part II)', *Journal of Chinese Philosophy* 39/1 (2012), 106-120.

Cromwell, J., 'A Potential Case of Sibling Scribes', in *Bulletin of the Australian Centre for Egyptology* 22 (2011), 67-82.

Cromwell, J., 'A Coptic Letter from Antinoopolis in the British Museum', *Zeitschrift für Papyrologie und Epigraphik* 183 (2012), 222-226.

Dzino, D., 'Indigene zajednice zapadnog i središnjeg Balkanskog poluotoka i 21. stoljeće: metodološki problemi' (Summary: Indigenous Communities of the Western and Central Balkan Peninsula and the 21st Century: Methodological Problems), *Godišnjak Centra za Balkanološka ispitivanja* XL/38 (2011), 197-206.

- Dzino, D.**, ‘The Perception of Croatian Medieval History by Vladimir Nazor in Hrvatski kraljevi (The Kings of the Croats)’, *Croatian Studies Review* 7 (2011), 89-100.
- Evans, L.**, ‘The shedshed of Wepwawet: An Artistic and Behavioural Interpretation’, *Journal of Egyptian Archaeology* 97 (2011), 103-115.
- Evans, L.**, ‘Userkaf’s Birds Unmasked’, *Journal of Egyptian Archaeology* 97 (2011), 246-250.
- Evans, L.**, ‘Animals in Coptic Art’, *Göttinger Miszellen* 232 (2012), 63-73.
- Evans, T.**, ‘The Optative at PMichZen 36.3’, *Zeitschrift für Papyrologie und Epigraphik* 179 (2011), 218-220.
- Ghica, V.**, ‘Le christianisme dans le désert Occidental d’Égypte’, *Comptes rendus des séances de l’Académie des Inscriptions et Belles-Lettres*, Avril-Juin (2011), 831-832.
- Ghica, V.**, ‘Pour une histoire du christianisme dans le désert Occidental d’Égypte’, *Journal des savants*, Juillet-Décembre (2012), 189-280.
- Kane, D.M., Chater, R.J., **Gore, D.B.** & McPhail, D.S., ‘Corrosion at the Surface of Chalcogenide Glass Microspheres’, *Journal of Optics A: Pure and Applied Optics* 14 (2012), 055401.
- Hillard, T.**, ‘Romans in Greek Thrall’, *Bulletin of the Australian Archaeological Institute at Athens* 8 (2012), 15–21.
- Ockinga, B.**, ‘Amarna Concepts of the Afterlife’, *Ancient History* 38/1 (2008), 16-37 (published 2011).
- Sheedy, K.**, ‘Asyut 422, Seltman GROUP P, and the Imitation of Attic Coins’, *Revue belge de Numismatique et de Sigillographie* 157 (2011), 37-54.
- Tristant, Y.**, ‘Nouvelles découvertes dans le désert Oriental. Le Ouadi Araba de la préhistoire à l’époque copte’, *Bulletin de la société française d’égyptologie* 182 (2012), 33-53.
- Ghilardi, M., **Tristant, Y.**, ‘Nile River Evolution in Upper Egypt during the Holocene: Palaeoenvironmental Implications for the Pharaonic Sites of Karnak and Coptos’, *Géomorphologie: relief, processus, environnement* 1 (2012), 7-22.
- Briois, F., Midant-Reynes, B., De Dapper, M., Lesur-Gebremariam, J., Marchand, S., Newton, C., **Tristant, Y.**, Wuttmann, M., ‘Neolithic Occupation of an Artesian Spring: KS043 in the Kharga Oasis (Egypt)’, *Journal of Field Archaeology* 37/3 (2012), 178-191.

C2: Other Non-Refereed Articles in Refereed Journal (1)

- Swinton, J. and **Evans, L.**, ‘Force-feeding Animals in Old Kingdom Scenes: A Reply’, *Göttinger Miszellen* 232 (2012), 137-142.

C4: Book Reviews in Scholarly Journals (1)

Evans, T., ‘Lexicographical Latin’ (Review of R. Ferri (ed.), *The Latin of Roman Epistolography*), in *Classical Review*, 62 (2012), 528–30.

C5: Editorship of Scholarly Journals (6)

Beness, L. (ed.), *Studies in Honour of Margaret Parker*, Part 1 (a special issue of *Ancient History: Resources for Teachers* 38.1 2008 [2011]).

Beness, L. (ed.), *Studies in Honour of Margaret Parker*, Part 2 (a special issue of *Ancient History: Resources for Teachers* 38.2 2008 [2011]).

Binder, S. (ed.), *Bulletin of the Australian Centre for Egyptology* 22 (2011).

Mikkelsen, G. (ed.), *Manichaean Studies Newsletter* 25 (2010/11).

Ghilardi, M., **Tristant, Y.** (eds), ‘Geoarchaeology of Egypt and the Mediterranean: Reconstructing Holocene Landscapes and Human Occupation History’, *Quaternary International* 266 (2012).

Ghilardi, M., **Tristant, Y.** (eds), *Charting Holocene Landscape Changes in the Mediterranean using the Geoarchaeological Approach*, Special issue of *Géomorphologie: relief, processus, environnement* 1 (2012).

E1: Chapters in Referred Conference Proceedings (12)

Binder, S., ‘Joseph’s Rewarding and Investiture (Genesis 41:41-43) and the Gold of Honour in New Kingdom Egypt’, in S. Bar, D. Kahn and J. J. Shirley (eds), *Egypt, Canaan and Israel: History, Imperialism Ideology and Literature: Proceedings of a Conference at the University of Haifa, 3-7 May 2009* (Leiden: Brill, 2011), 44-64.

Binder, S., ‘Das Ehrengold als Machtinstrument des Königs’, in: H. Beinlich (ed.), *6. Symposium zur ägyptische Königsideologie / 6th Symposium on Egyptian Royal Ideology: “Die Männer hinter dem König” Iphofen, 16.-18. Juli 2010* (Wiesbaden: Harrassowitz, 2012), 1-16.

Binder, S., ‘“Let me tell you what happened to me...”: Memphite Officials and the Gold of Honour’, in L. Evans (ed.), *Ancient Memphis: ‘Enduring is the Perfection’. Proceedings of the International Conference held at Macquarie University, Sydney on August 14-15, 2008*, OLA 214 (Leuven: Peeters, 2012), 45-61.

Choat, M., ‘Lord Crawford’s Search for Papyri: On the Origin of the Rylands Papyrus Collection’, in P. Schubert (ed.), *Actes du 26e Congres international de papyrologie. Geneve 16-21 aout 2010* (Geneva: Droz, 2012), 141-147.

Yuen-Collingridge, R., and **Choat, M.**, ‘The Copyist at Work: Scribal Practice in Duplicate Documents’, in P. Schubert (ed.), *Actes du 26e Congres international de papyrologie. Geneve 16-21 aout 2010* (Geneva: Droz, 2012), 827-834.

- Cromwell, J.**, ‘Following in Father’s Footsteps: The Question of Father-Son Training in Eighth Century Thebes’, in P. Schubert (ed.), *Actes du 26e Congrès international de papyrologie. Genève, 16-21 août 2010* (Geneva: Droz, 2012), 149-157.
- Dzino, D.**, ‘Bellum Pannonicum: the Roman Armies and Indigenous Communities in Southern Pannonia 16-9 BC’, in M. Hauser, L. Feodorov, N. V. Sekunda and A. G. Dumitru (eds), *Actes du symposium “Le Livre. La Roumanie L’Europe”* (Bucharest: Bibliotheque Metropolitaine de Bucarest, 2012), 461-480.
- Kanawati, N.**, ‘The Memphite Control of Upper Egypt during the Old Kingdom: The Cases of Edfu, Abydos and Akhmim’, in L. Evans (ed.), *Ancient Memphis: ‘Enduring is the Perfection’. Proceedings of the International Conference held at Macquarie University, Sydney on August 14-15, 2008*, OLA 214 (Leuven: Peeters, 2012), 237-252.
- Lieu, S. N. C.**, ‘Nestorian Mission in South China under the Mongols’, in M. Galik and M. Slobodnik (eds), *Eastern Christianity, Judaism and Islam between the Death of Muhammad and Tamerlane (632-1405)* (Bratislava: Institute of Oriental Studies, 2011), 215-241.
- Ockinga, B.**, ‘Hatshepsut’s Appointment as Crown Prince and the Egyptian Background to Isaiah 9:5’, in S. Bar, D. Kahn and J. J. Shirley (eds), *Egypt, Canaan and Israel: History, Imperialism Ideology and Literature: Proceedings of a Conference at the University of Haifa, 3-7 May 2009* (Leiden: Brill, 2011), 252-267.
- Ockinga, B.**, ‘Subversion oder Loyalität? Nochmal zur Frage der Beziehung zwischen den Hohepriestern Thebens und dem König in der späten Ramessidenzeit’, in H. Beinlich (ed.), *6. Symposium zur ägyptische Königsideologie / 6th Symposium on Egyptian Royal Ideology: “Die Männer hinter dem König, Ipfohen”*, 16.-18. Juli 2010 (Wiesbaden: Harrassowitz, 2012), 91-106.
- Ockinga, B.**, ‘The Teti Pyramid Cemetery North – New Evidence for New Kingdom Tomb Structures: Insights from the Macquarie Excavations’, in L. Evans (ed.), *Ancient Memphis: ‘Enduring is the Perfection’. Proceedings of the International Conference held at Macquarie University, Sydney on August 14-15, 2008*, OLA 214 (Leuven: Peeters, 2012), 371-395.

Online Publications (2)

- Lieu, S. N. C.**, ‘Gazetteer of Place and Ethnic Names from Central Asia’, http://www.mq.edu.au/research/centres_and_groups/ancient_cultures_research_centre/research/cultural_ex_silkroad/serica/gazetteer/
- Eccles, L. and **Lieu, S. N. C.**, ‘New Translation of the Xi’an Nestorian Monument’, http://www.mq.edu.au/research/centres_and_groups/ancient_cultures_research_centre/research/cultural_ex_silkroad/serica/inscriptions/

Other Published Outputs (1)

- Mikkelsen, G.**, ‘Recent Publications (in Manichaean Studies)’, *Manichaean Studies Newsletter* 25 (2010/11), 35-53.

(b) Conference Presentations

International (12)

- Chan, S.**, ‘Reinterpreting Xing in the Confucian Analects’, *International Symposium on the Confucian Four Books*, International Society for Chinese Philosophy and School of the Chinese Classics, Remnin University, 27-29/04/2012.
- Choat, M.**, ‘Sound, Sight, and Stylus: Copying Practice and Scribal Habits in Roman Egypt’, *Double stories – Double lives: Reflecting on Textual Objects in the Pre-Print World*, Yale University, 13-15/4/2012.
- Choat, M.**, ‘Posidonios and the monks of TT233 on the Dra Abu el-Naga’, *10th International Congress of Coptic Studies*, Rome, 17-22/09/2012.
- Choat, M.**, ‘From Letter to Letter Collection: Monastic Epistolography in Late Antique Egypt’, *10th International Congress of Coptic Studies*, Rome, 17-22/09/2012.
- Cromwell, J.**, ‘Unpublished Coptic Documents in Copenhagen’, *63rd Annual Meeting of the American Research Center in Egypt*, Rhode Island, 26-29/04/2012.
- Cromwell, J.**, ‘The Geographical and Chronological Distribution of Biographic Texts in Early Islamic Egypt’, *Ancient Egyptian Language and Text 4*, Cambridge University, 07/09/2012.
- Cromwell, J.**, ‘The Role of Coptic Scribes in Early Islamic Egypt’, *10th International Congress of Coptic Studies*, Rome, 17-22/09/2012.
- Evans, L.**, ‘Suckling Snakes! Why is Renenutet a Symbol of Abundance?’, *63rd Annual Meeting of the American Research Center in Egypt*, Rhode Island, 26-29/04/2012.
- Ghica, V.**, ‘What Do We Know about Christianity in al-Bahriyya Oasis?’, *7th International Conference of the Dakhleh Oasis Project: New Developments in the Archaeology of the Egyptian Western Desert and its Oases*, Leiden, 06/2012.
- Ghica, V.**, ‘Two New Comers in the B5 Family: The Naqlun Kalandologia’, *10th International Congress of Coptic Studies*, Rome, 17-22/09/2012.
- Ghica, V.**, and Antonia St. Demiana, ‘“His Toil Was Not in Vain”: Two Unpublished Coptic Fragments of the Encomium on Athanasius Attributed to Cyril of Alexandria (IFAO inv. 79-80)’, *10th International Congress of Coptic Studies*, Rome, 17-22/09/2012.
- Gore, D.**, Platform presentation on the stabilisation of metals in areas of freezing ground, Conference and Workshop on Contaminants in Freezing Ground, Austria, 03/2012. (Gore also named on several other presentations delivered by students or colleagues).

Domestic (9)

- Choat, M.**, ‘Forts, Monasteries, and Christians in Late Antique Panopolis’, *33rd Annual Meeting of the Australasian Society of Classical Studies*, Melbourne, 05-09/02/2012.

Choat, M., ‘The Monastery of Apa Pamoun at El-Hagarsa’, *Byzantium, Its Neighbours and Its Cultures: Diversity and Interaction*, 17th Biannual Conference of the Australian Association of Byzantine Studies, Macquarie University, 20-21/07/2012.

Cromwell, J., ‘Education in a Late Antique Egyptian Monastery’, *33rd Annual Meeting of the Australasian Society of Classical Studies*, Melbourne, 05-09/02/2012.

Cromwell, J., ‘The Life of Isaac: A Coptic Patriarch in the 7th Century’, *Byzantium, Its Neighbours and Its Cultures: Diversity and Interaction*, 17th Biannual Conference of the Australian Association of Byzantine Studies, Macquarie University, 20-21/07/2012.

Dzino, D., ‘Local knowledge and wider contexts: The stories of arrival of the Croats and Serbs in *De Administrando Imperio* in past and present’, *Byzantium, Its Neighbours and Its Cultures: Diversity and Interaction*, 17th Biannual Conference of the Australian Association of Byzantine Studies, Macquarie University, 20-21/07/2012.

Gillett, A. ‘“Telling Off Justinian”: Undiplomatic Correspondence Between Constantinople and Merovingian Gaul’, *Byzantium, Its Neighbours and Its Cultures: Diversity and Interaction*, 17th Biannual Conference of the Australian Association of Byzantine Studies, Macquarie University, 20-21/07/2012.

Ockinga, B., ‘The Decoration Program of TT233 – the Tomb of Saroy and Amenhotep: a Reflection of Their Owners’ Interests?’, ACE Mini-Conference, Macquarie University, 01/04/2012.

Parry, K., ‘Egypt in the Byzantine Imagination: Cultural Memory and Historiography, 4th-9th Centuries’, *Byzantium, Its Neighbours and Its Cultures: Diversity and Interaction*, 17th Biannual Conference of the Australian Association of Byzantine Studies, Macquarie University, 20-21/07/2012.

Sheedy, K. Opening Address, Numismatic Association of Australia fourth biennial conference (NAAC2011): ACANS, Macquarie University, 25-27/11/2011.

(c) Invited or Keynote Papers

(i) Overseas Institutions (7)

Choat, M., ‘Sound, Sight, and Stylus: Copying Practice and Scribal Habits in Roman Egypt’, Classics and Ancient History Seminar, University of Manchester, 31/5/12.

Choat, M., ‘A Recent Archaeological Discovery in Upper Egypt: the “Monastery of Apa Pamoun” in El-Haragsa, Sohag’, Institute for Egyptology and Coptology, University of Göttingen, 5/8/2012.

Choat, M., ‘The City in Roman Egypt: The Evidence of the Papyri’, *Society of Biblical Literature Annual Congress*, Panel: *Polis and Ekklesia: Investigations of Urban Christianity*, San Francisco, 19-22/11/2012

Dzino, D., ‘The Collapse of Complex Societies: Society and Identity in Post-Roman Dalmatia’, *The Treaty of Aachen: The Origins and Impact on the region between the Adriatic, Central and Southeastern Europe*, University of Zadar, Croatia, 27-29/09/2012.

Dzino, D., ‘*Liburni, gens Asiatica: The Anatomy of Ancient Stereotype*’, Section 4c: Les relations entre les Balkans et l’Asie Mineure, dès l’époque classique jusqu’à la période byzantine (V^e s. av. J. –C. – V^e s. ap. J. –C.), *Symposium international: Le livre. La Romanie. L’Europe 5*, Bibliothèque Métropolitaine de Bucarest, Mamaia, Romania, 24-27/09/2012.

Dzino, D., ‘The Formation of Early Imperial Peregrine *civitates* in Dalmatia: (Re)constructing Indigenous Communities after the Conquest’, Keynote paper, *Imperialism and Identities at the Edges of the Roman World*, University of Belgrade, Valjevo, Serbia, 20-23/09/2012.

Sheedy, K., Invited Lecture to White Gold International Congress, The Israel Museum, Jerusalem, 25-26/6/2012.

(ii) Invited Papers at Domestic Institutions (10)

Beness, L., ‘Deficient in logic, but with the gift of inference: Pioneering Women of Ancient World Studies’, Inaugural Beryl Rawson Memorial Lecture, Australian National University, Canberra, 21/10/2011.

Binder, S., ‘Tomb Robberies in Late Ramesside Thebes: What was going on?’, *Crime and Punishment in the Ancient World*, 18th Annual Ancient History Day, School of History, Philosophy, Religion and Classics at The University of Queensland, Brisbane, 24/08/2012.

Cromwell, J., ‘Archaeological and Textual Evidence for Bishops in Thebes’, Coptic Night, Society for the Study of Early Christianity, Macquarie University, 26/10/2011.

Ghica, V., ‘Monasteries in the Western Deserts of Egypt’, Coptic Night, Society for the Study of Early Christianity, Macquarie University, 26/10/2011.

Ghica, V., ‘An Unpublished Commentary on Revelation 7-12: Morganiensis 591’, Patristic Forum of Sydney, 09/2012.

Ockinga, B., ‘The Man Behind the Golden Mask: Tutankhamun’s Chief Goldsmith’, Museum of Melbourne, 4/10/2011.

Ockinga, B., ‘Crime and Punishment in the Workmen’s Village of Deir el Medina’, *Crime and Punishment in the Ancient World*, 18th Annual Ancient History Day, School of History, Philosophy, Religion and Classics at The University of Queensland, Brisbane, 25/08/2012.

Parry, K., ‘The Religious Cultures of the Silk Road’, public lecture as part of the exhibition *Travelling the Silk Road: Ancient Pathway to the Modern World*, National Museum of Australia, Canberra, 22/06/ 2012.

Parry, K., ‘Byzantine-Rite Christians (Melkites) in Central Asia, with some recent archaeological evidence from Uzbekistan’, *Macquarie Asian Historical Research Society*, Macquarie University, 30/10/2012.

Traviglia, A., ‘Aquileia. Crossroad of Cultures’, Istituto Italiano di Cultura, Sydney, 24/08/2012.

(d) Conference and Colloquia convened by MQACRC Members / under the auspices of the ACRC

(i) Conferences and Colloquia (5)

‘Byzantium, Its Neighbours, and Its Cultures: Diversity and Interaction’, 17th Biannual Conference of the Australian Association for Byzantine, Convenors D. **Dzino**, K. **Parry**, and A. **Gillett**, Macquarie University, 20-22/07/2012.

‘The Vocabulary of the Zenon Archive and the Language of the Greek Papyri: A “Words from the Sand” Colloquium’, Royal Flemish Academy of Belgium Contact Forum, convenors T. **Evans**, in collaboration with W. Clarysse, (Leuven), M. Janse, (Ghent) and M. Depauw (Leuven), Academy Palace, Brussels on 11-12/09/2012.

‘The Town in Ancient Egypt’, Annual Conference of the Australian Centre for Egyptology, Convenor B. **Ockinga**, Macquarie University, 11/08/2012.

Numismatic Association of Australia fourth biennial conference (NAAC2011): ACANS, Macquarie University, 25-27/11/2011. Convenor K. **Sheedy**.

‘Patristic Forum’, Convenor K. **Parry**, Department of Ancient History, Macquarie University, 1-2/09/2012.

(ii) Section / Panel Convener at a major international conference (4)

M. **Choat**, Convener of the program unit ‘Papyrology and Early Christian Backgrounds’ at the Annual Meeting of the Society of Biblical Literature, San Francisco, 19-22/11/2012.

M. **Choat** and J. **Cromwell**, convenors of the Panel ‘Late Antique Thebes’, 10th *International Congress of Coptic Studies*, Rome, 17-22/09/2012.

M. **Choat** and M. Giorda (University of Turin), convenors of the Panel ‘Writing and Communication in Egyptian Monasticism’, 10th *International Congress of Coptic Studies*, Rome, 17-22/09/2012.

J. **Cromwell** and A. Papaconstantinou (University of Reading), convenors of the Panel ‘Aspects of Early Islamic Egypt’, 10th *International Congress of Coptic Studies*, Rome, 17-22/09/2012.

(iii) Organising committee membership of major international conference (5)

D. **Dzino**, member of the scientific committee of the international conference *Imperialism and Identities at the Edges of the Roman World*, University of Belgrade, Valjevo, Serbia, 20-23/09/2012.

K. **Sheedy**, Joint convener (with B. Menadier, International Studies, Macquarie University), *Australasian Society of Classical Studies Conference 2013*, Macquarie University, 2013. Organising committee also includes MQACRC members A. **Traviglia** and T. **Evans**

A. **Traviglia**, chair and member of the organising committee and scientific committee as well as volunteers coordinator of the NSW chapter for the *41st Computer Application and Quantitative*

Methods in Archaeology International Conference 'Across Time and Space', Computer Applications in Archaeology, Perth, 2013.

A. **Traviglia**, chair of session 'Texturing Remote Sensing Data Processing for Archaeological Research: Innovation and Experimentation', *Computer Applications in Archaeology Conference (CAA) 2012*, Southampton, 26-30/03/2012.

A. **Traviglia**, co-chair and member of the organising committee and scientific committee for the 6th *International Conference in Underwater Archaeology "Sharing heritage in Maritime Archaeology"*, Perth, 2016.

(e) Media (3)

M. **Choat**, and V. **Ghica**, participated in the program 'The Spirit of Things' and discussed Coptic Christianity on the Australian radio station, ABC Radio National (09/09/2012).

Research by D. **Gore** and K. **Sheedy** reported in 'Epsilon 3 EDXRF measures ancient Greek silver coins'. X'Press 1/2012, p. 9.

Research finds of A. **Traviglia**, were reported in the article 'Aquileia- Patrimonio dell'Umanita' of the Australian newspaper *La Fiemma* (6/09/2012).

(f) Other Outputs (1)

L. **Beness** and T. **Hillard** were invited participants at the Vice Chancellor's Annual Debate, 'Was Brutus Right?', Macquarie University, Sydney, 26/10/2011.

7. NEW INTERNAL AND EXTERNAL GRANTS SECURED AND APPLIED FOR, OCTOBER 2011 – OCTOBER 2012

(a) External

- M. **Choat**, J. **Cromwell**, H. **Behlmer** (PI: University of Göttingen, Germany): ‘Knowledge Transfer and Administrative Professionalism in a Pre-typographic Society: Observing the Scribe at Work in Roman and Early Islamic Egypt’, ARC DP120103738 (2012–2014): \$150,000.
- K. **Sheedy**, D. **Gore**: ‘A Spring of Silver, a Treasury in the Earth: Coinage and Wealth in Archaic Athens’, ARC DP120103519 (2012–2014): \$150,000.
- J. **Cromwell**, ‘Wadi Sarga Textual Material’, British Museum Postdoctoral Fellowship 2014: c. \$5,500 (£3600).
- S. Ross (lead CI, University of New South Wales), with A. **Traviglia** et al., ‘Federated Archaeological Information Management System (FAIMS)’, Australian Government National eResearch Collaboration Tools and Resources -NeCTAR- initiative 2012: \$949,000 (2012-2013).
- K. **Sheedy**, ‘Digitisation of Images of Coins of Hadrian’, Royal Numismatic Society (UK): \$768 (2011–2012).

(b) Internal

(i) *Research*

- N. **Kanawati**, ‘On the Edge: Provincial Politics and Power in Old Kingdom Egypt’, MQSN: \$25,000.
- Y. **Tristant**, ‘Strangers in a Strange Land: the Ancient Egyptian Mummies of Macquarie University’, MQNS: \$16,000.
- K. **Parry**, ‘Christian Hermitages from Late Antiquity in the Desert Regions of Upper Egypt: An Historical and Comparative Archaeological Study’, MQSN: \$25,000.
- A. **Traviglia**, ‘Layers of Landscape: the transformation of Aquileian territory from Romanisation to ruralisation’, MQSN: \$25,000.
- B. **Ockinga**, ‘Grave Matters: Use, Re-use and Abuse of ‘Sacred Space’ in the Theban Necropolis’, MQSN: \$25,000.

(ii) *Infrastructure*

- Faculty of Arts / J. Simons (equipment managed and used by MQACRC members), ‘Subsurface Imaging Equipment for the Location and Dating of Historical and Archaeological Artefacts’, MQSIS: \$73, 000.

K. Fryirs, K. Westaway, P. Hesse, D. **Gore**, G. Hose, T. Ralph, P. Fanning, I. Goodwin, ‘Small, Track-driven Drill Rig for Sediment Coring at Remote and Difficult-to-access Sites’, RIBG: \$93,500.

O’Reilly, Griffin, Pearson, Dazcko, Rushmer, Turner, Dadd, Schaefer, Handley, O’Neill, D. **Gore**, ‘X-ray Fluorescence Spectrometer’, MQSIS: \$163,000.

(c) New Research Fellows sponsored by Centre Members

None in report period (but B. **Nongbri**, sponsored by M. **Choat**, awarded an MQRF in October 2012).

(d) Pending External Grant Applications submitted during 2012

(i) *Ching-kuo Foundation*

G. **Mikkelsen** and S. N. C. **Lieu**, ‘Early Christians (Nestorian) Inscriptions and Texts in Chinese: A Comprehensive Linguistic and Religio-Historical Study’, Chiang Ching-kuo Foundation Research Program.

S. **Chan**, ‘Cosmology in Early China: Perspectives from the Recently Discovered Bamboo Slip Texts’, Chiang Ching-kuo Foundation Research Program.

(ii) *ARC Discovery Project*

N. **Kanawati**, A. **Woods**, L. **Evans**, G. Robins, ‘Innovation or Anarchy? Provincial Art in Old Kingdom Egypt’, ARC DP130102589.

G. **Mikkelsen**, S. N. C. **Lieu**, N. Sims-Williams, N. A. Pederson, ‘Skilfully Planting the Trees of Light – Manichaean Texts in Chinese’, ARC DP130101647 + ARC DORA.

K. **Parry**, M. **Choat**, V. **Ghica**, Y. **Tristant** ‘Christian Hermitages from Late Antiquity in the Desert Regions of Upper Egypt: An Historical and Comparative Archaeological Study’, ARC DP130101305.

B. **Ockinga**, S. **Binder**, ‘Grave Matters: Use, Re-use and Abuse of ‘Sacred Space’ in the Theban Necropolis’, ARC DP130100282.

A. **Traviglia**, ‘Layers of Landscape: Assessing Transformation of Classical Landscapes from Romanisation to Ruralisation’, ARC DP130103297.

(iii) *ARC Discovery Early Career Researcher Award*

N. **Casule**, ‘Interaction and Domination: Mapping the Impact of Mediterranean Networks on Roman Imperialism’, ARC DE130101022.

J. **Cromwell**, ‘Oiling the Machine: Egyptian Scribes in the Early Islamic Administration’, ARC DE130100722.

- B. **Nongbri**, ‘Publishing God’s Papyri: A Reassessment of the Dates Assigned to Ancient Christian Papyri and a Social History of their Editing and Publication’, ARC DE130100799.
- C. **Rowan**, ‘The Beginnings of Empire: Visualising Rome in the Republican Provinces, c. 168-27 BC’, ARC DE130100847.

(e) Pending Internal Grant Applications

- K. Westaway, I. Goodwin, D. **Gore**, P. Fanning, K. Fryirs, P. Hesse, T. Ralph, M. **Choat**, ‘Profiling the Past: In-Field Sedimentary Reconnaissance using a Portable Optically-Stimulated Luminescence Reader’, RIBG.
- D. **Gore**, M. Taylor, K. Fryirs, N. Pearson, E. Belousova, H. Handley, K. **Sheedy**, M. **Choat**, ‘A Hand-Held Portable XRF Analyser for Non-invasive, Field- and Museum-Based Measurement of Environmental, Geological, Archaeological and Cultural Materials’, RIBG.

8. HDR CANDIDATES DIRECTLY ASSOCIATED WITH THE MQACRC

1. Overview by Supervisor

(A) = The Candidate is being Associate Supervised by a Centre Member, this is not noted in cases where the Primary Supervisor is also a Centre Member

(UX) = Submitted and under examination: see below at 2(c) ii-iii

<i>Supervisor</i>	<i>Commenced</i>	<i>Continuing</i>	<i>Completed</i>
Beness, Lea Chan, Shirley	Gersbach, James (A)	Betts, Ian Clark, Iain Hong, Andrew Lee, Daniel	Radford, Fiona (UX)
Choat, Malcolm		Burchfield, Richard Dosoo, Raymond St Shenouda, Fr Anthony Barnes, Bruce	Almond, Matthew Łyzwa-Piber, Anetta
Dzino, Danijel		Briscoe, Timothy (A) Halaka, Mervat Hreszczuk, Adam	
Evans, Linda Evans, Trevor Ghica, Victor Gore, Damian	Mackay, George	Miles, Beverley Cipuseva, Katarina Thorn, Alexandra Camenzuli, Danielle Portenga, Eric	
Gillett, Andrew		Bennett, Cassandra Scott, Timothy	
Hillard, Thomas		Drummond, Amanda Sanderson, Bianca (A) Toomey Westcott, Alexander (A)	Apps, Elizabeth Westcott, Ellen Ayer, Kavita (UX)
Kanawati, Naguib	Gulesserian, Elizabeth (A) Lashien, Miral	Burn, John Clarke, Therese Darlow, Stephen Dunnicliff, Samantha Eiszele-Evans, Suzanne Evans, Natasha Jones, Paul Keith, Michelle Mourad, Anna-Latifa Orucu, Ferim Pitkin, Melanie Smith, William	Hampson, Michelle
Lieu, Samuel McKechnie, Paul		Price, Rebecca (A) Irving, Jennifer (A) Rowling, Giles Shanahan, John	Burns, Ross Austin Doherty, Bernard Shin, Min Seok (UX) Gillett, Miriam(UX)
Mikkelsen, Gunner		Arden-Wong, Lyndon Downes, Alan (A) Ford, Graeme (A) Kepreotes, James Kirk, Emma Nasoraia, Brikha Sowden, Laura	
Nobbs, Alanna	Gray, Lynne (A) MacDonald, Seumas	Anderson, Donald (A) Briscoe, Timothy (A) Cooper, Paul (A) Evans, Karen (A)	Gonzalez, Eliezer Windon, Bradley (UX)

Ockinga, Boyo	McClymont, Alice Staring, Nico	Farquharson, Paul Fitzpatrick, Graham Hebblewhite, Mark Loftus, Susan MacDonald, Seumas Anagnostou, Evangelina (A) Cooper, Julien McClymont, Alice Persson, Robert Pleffer, Andrew (A) Sinclair, Neil Staring, Nico Turner, Susan Wearne, Gareth (A) West, Glennise	Jones, Jana
Parry, Kenneth	Wade, Janet	Gibson, James (A) Michie, Ian Moess, Charles Moore, Peter (A) Petrakis, Vicki Petrou, Irene (A) Engdahl, Nils (A) Evans, Karen (A)	Young, Genevieve
Sheedy, Kenneth Traviglia, Arianna Tristant, Yann			Power, Ronika Hardtke, Fred La Loggia, Angela
Welborn, Laurence	Kulikovsky, Mark Murphy, Edwina Robinson, Alexandra Unwin, James	Bitner, Bradley Bryant, Kerry Dowton, Joshua Gosbell, Louise Ogereau, Julien Shiner, Rory White, Adam (A)	

2. List by Candidate

(a) Commenced in 2012 (14)

<i>Name</i>	<i>Course</i>	<i>Thesis Title</i>	<i>Primary Supervisor</i>	<i>Associate Supervisor/s</i>
Gersbach, James	PhD	Battle-Cry in the Ancient Mediterranean	Keegan, Peter	Beness, Lea
Gray, Lynne	PhD	The Visitation in Australia	Piggin, Stuart	Nobbs, Alanna
Gulesserian, Elizabeth	PhD	Artistic and Architectural Innovations in the Teti Cemetery at Saqqara	Kanawati, Naguib	Woods, Alexandra
Kulikovsky, Mark	PhD	The Relation Between Truth and Love in the Letters of John	Welborn, Laurence	Llewelyn, Stephen
Lashien, Miral	PhD	The Nobles of El-Qusiya in the Sixth Dynasty: Archaeological and Historical Study	Kanawati, Naguib	Evans, Linda
MacDonald, Seumas	PhD	A Comparative Study of Hilary of Poitiers and Basil of Caesarea	Nobbs, Alanna	McKechnie, Paul
Mackay, George	PhD	A Sociolinguistic Analysis of the Archive of the	Evans, Trevor	

McClymont, Alice	PhD	Engineers Kleon and Theodoros The Classification and Interpretation of Inscriptural and Pictorial Erasures in Tombs of the Theban Necropoli	Ockinga, Boyo	Binder, Susanne
Murphy, Edwina	PhD	Cyprian's Use of Paul	Welborn, Laurence	McKechnie, Paul
Robinson, Alexandra	PhD	A Linguistic Analysis of the Greek Text of the Epistle of Jude	Welborn, Laurence	Llewelyn, Stephen
Senn, Heidi	PhD	Military Organisation and Defence in Subordinate Poleis of Archaic Greece	McKechnie, Paul	Sheedy, Kenneth
Staring, Nico	PhD	Beyond the Grave: New Kingdom Tombs at Saqqara, Egypt as Shrines of Cultural Memory	Ockinga, Boyo	Binder, Susanne
Unwin, James	PhD	Death, Identity, and Self-Presentation: A Conversation Between Seneca and Paul	Welborn, Laurence	Forbes, Christopher
Wade, Janet	PhD	Maritime Culture of Constantinople from 330CE to 565CE	Parry, Kenneth	

(b) Current MQACRC HDR Candidates (75) (not including those listed in 2(a) or 2(c).ii)

<i>Name</i>	<i>Course</i>	<i>Thesis Title</i>	<i>Primary Supervisor</i>	<i>Associate Supervisor/s</i>
Anagnostou, Evangelina	MPhil	Monarchy and Soteriology in the Ancient Near East	Llewelyn, Stephen	Ockinga, Boyo
Anderson, Donald	PhD	The Sydney Anglican Schools Corporation and Its Contribution to Christian Education 1946-2009	Piggin, Stuart	Nobbs, Alanna
Arden-Wong, Lyndon	PhD	Uighur Khanate Culture: Historical and Archaeological Analysis	Mikkelsen, Gunner	Lieu, Samuel
Barnes, Bruce	PhD	Personhood within Coptic Hagiography: Strategies of Characterisation and Rhetoric	Choat, Malcolm	Ghica, Victor
Bennett, Cassandra	PhD	The Religious Beliefs of the Pre-Islamic Bedouin of North Arabia	Gillett, Andrew	Llewelyn, Stephen
Betts, Ian	PhD	The Origins, Development and Context of the Laws Relating to Ambitus ("Bribery") in Public Life in the Late Roman Republic	Beness, Lea Keegan, Peter	Marshall, Bruce
Bitner, Bradley	PhD	Constitution and Covenant in Corinth: The Legal Framework of Community, Identity and Responsibility in the Pauline Ekklesia	Welborn, Laurence	Forbes, Christopher
Briscoe, Timothy	PhD	Roman Representation of their Sassanian Enemy	Edwell, Peter	Nobbs, Alanna Dzino, Daniel
Bryant, Kerry	PhD	Imploding Dominion Ideology: The Rise of the Slave in Romans 6:12-23	Welborn, Laurence	Barker, Donald

Burchfield, Richard	PhD	Networks of the Theban Desert	Choat, Malcolm	Evans, Trevor Cromwell, Jennifer
Burn, John	PhD	Climate Change and Regime Change; an Investigation into the Changing Ecology of Late Old Kingdom Egypt	Kanawati, Naguib	Evans, Linda
Camenzuli, Danielle	PhD	Fixation of metals and metalloids in landfills.	Gore, Damian	
Cipuseva, Katarina	MPhil	A Lexical Analysis of Early Greek Papyri and Related Sources from Egypt	Evans, Trevor	Lee, John
Clark, Iain	PhD	For Offerings to the Emperor's Gods: Qing Imperial Ceramic Ritual Vessels	Chan, Shirley	
Clarke, Therese	PhD	Interrelations Between the Provinces and Memphis during Egypt's Old Kingdom	Kanawati, Naguib	Woods, Alexandra
Cooper, Julien	PhD	The Eastern Desert, Red Sea and Beyond: Toponyms, Ethnonyms and Cosmography	Ockinga, Boyo	Binder, Susanne
Cooper, Paul	PhD	John and Ann Goodlet: A Study in Colonial Christian Philanthropy	Piggin, Stuart	Nobbs, Alanna
Darlow, Stephen	PhD	A Chronological Analysis of Middle Kingdom Tombs at Meir	Kanawati, Naguib	Woods, Alexandra
Dosoo, Raymond	PhD	Context and Development of the PGM/PDM	Choat, Malcolm	
Downes, Alan	PhD	Xixia Script	Kane, Daniel	Mikkelsen, Gunner
Downton, Joshua	PhD	Subverting Empire: The Book of Revelation as the Most Powerful Piece of Political Resistance Literature in the Early Empire	Welborn, Laurence	Llewelyn, Stephen
Drummond, Amanda	PhD	Writing the Emperors: Plutarch's and Suetonius' Treatment of Rome's Leaders	Hillard, Thomas	Keegan, Peter
Dunnicliff, Samantha	PhD	Sport and Games in the Old and Middle Kingdoms	Kanawati, Naguib	Woods, Alexandra
Eiszele-Evans, Suzanne	PhD	The Influences and Life of Mereruka Using Tomb Art	Kanawati, Naguib	Woods, Alexandra
Engdahl, Nils	PhD	Hoplite Shield Emblems	Plant, Ian	Sheedy, Kenneth
Evans, Karen	PhD	Second Storey Space in Pompeii	Keegan, Peter	Nobbs, Alanna
Evans, Natasha	PhD	Djedkare to Unis: The Development of Artistic Traditions	Kanawati, Naguib	Traviglia, Arianna Woods, Alexandra
Farquharson, Paul	MPhil	Investigation of Natural Phenomena in Historical Sources	Nobbs, Alanna	Gillett, Andrew
Fitzpatrick, Graham	MPhil	The View of Roman Writers on Sexual Relationships Between Males	Nobbs, Alanna	Piggin, Stuart
Gibson, James	PhD	The Development of the "sensus divinitatis" and the Propagation of the Christian Gospel	Piggin, Stuart	Parry, Kenneth

Gosbell, Louise	PhD	Disability in the Gospel of Luke	Welborn, Laurence	Nongbri, Brent Concannon, Cavan
Ford, Graeme	PhD	Persian Chancellery Language in the Early Ming Dynasty	Kane, Daniel	Mikkelsen, Gunner
Halaka, Mervat	MPhil	Confessors - Late Antique Egypt	Choat, Malcolm	Ghica, Victor
Hebblewhite, Mark	PhD	Military loyalty and the Roman Emperor 235AD-395AD	Nobbs, Alanna	Lieu, Samuel
Hong, Andrew	PhD	Family, unity and community in Confucianism and Christianity	Chan, Shirley	
Hreszczuk, Adam	PhD	Religion in Roman Egypt	Choat, Malcolm	McKechnie, Paul Ghica, Victor
Irving, Jennifer	PhD	The Authority of Women in Healing in the Archaeological and Inscriptional Evidence of the Hellenistic East	Plant, Ian	McKechnie, Paul
Jones, Paul	PhD	Animal Husbandry During the Old Kingdom to Middle Kingdom in Ancient Egypt	Kanawati, Naguib	Evans, Linda
Keith, Michelle	PhD	Fish and Fishing in Old Kingdom Tombs	Kanawati, Naguib	Woods, Alexandra
Kepreotes, James	PhD	A Diachronic Study of Greek Paideia: Plato, Photios and Nicodemos the Athnite	Mikkelsen, Gunner	Llewelyn, Stephen
Kirk, Emma	PhD	Chinese and Biblical Creation Myths	Mikkelsen, Gunner	Llewelyn, Stephen
Lee, Daniel	PhD	The Sensual, the Moral and the Prudish: "Confucian Poetics" and the Book of Odes	Chan, Shirley	
Loftus, Susan	PhD	The construction of Episcopal authority in Late Antique Gaul: a case study of the role of canon law from sixth century	Nobbs, Alanna	Llewelyn, Stephen
MacDonald, Seumas	PhD	A Comparative Study of Hilary of Poitiers and Basil of Caesarea	Nobbs, Alanna	McKechnie, Paul
Michie, Ian	PhD	Paideia and Askesis: Training for Virtue	Parry, Kenneth	Nobbs, Alanna
Miles, Beverley	PhD	Human-Dog Relations in Egypt during the Old Kingdom: Text, Image and interpretation	Evans, Linda	Ockinga, Boyo
Moess, Charles	PhD	The Social, Cultural, and Political Relationship between Byzantium and the Kingdom of Hungary and the Danube Region 950-1453	Parry, Kenneth	Dzino, Danijel
Moore, Peter	PhD	Gold Without Dross: An Assessment of the Debt to John Chrysostom in John Calvin's oratory	Piggin, Stuart	Parry, Kenneth
Mourad, Anna-Latifa	PhD	Rise of the Hyksos	Kanawati, Naguib	Ockinga, Boyo
Nasoraia, Brikha	PhD	A Critical Edition of the Secret Mandaean Nasoraean	Mikkelsen, Gunner	Lieu, Samuel

Ogereau, Julien	PhD	Scroll Leadership in Pauline Communities	Welborn, Laurence	Barker, Donald Keegan, Peter
Orucu, Ferim	PhD	Funerary Rites in Old- Middle Kingdoms	Kanawati, Naguib	Woods, Alexandra Van Heekeren, Deborah
Persson, Robert	PhD	Discourse and Dialogue in Middle Kingdom Literature	Ockinga, Boyo	Binder, Susanne
Petrakis, Vicki	PhD	Gregory Nazianzus' Doctrine of the Logos	Parry, Kenneth	Nobbs, Alanna
Portenga, Eric	PhD	Post-settlement alluvium in the Tablelands of NSW	Gore, Damian	
Petrou, Irene	PhD	A Study of Holiness in the Christian Tradition: Augustine, Maximus the Confessor and Jonathan Edwards	Piggin, Stuart	Parry, Kenneth
Pitkin, Melanie	PhD	Egyptian False Doors and Funerary Stelae of the First Intermediate Period: A Typological Analysis	Kanawati, Naguib	Ockinga, Boyo
Pleffer, Andrew	PhD	Judah in the Persian Period: The Return	Llewelyn, Stephen	Ockinga, Boyo
Price, Rebecca	PhD	Temple Inscription as Evidence for the Population of Dura Europa in Seleucid, Parthian & Roman Periods	Edwell, Peter	Lieu, Samuel
Rowling, Giles	PhD	How was Roman Law Received Into the Province of Arabia	McKechnie, Paul	Llewelyn, Stephen
Sanderson, Bianca	PhD	The Role and Portrayal of Women at Critical Points in Roman History	Keegan, Peter	Hillard, Thomas
Scott, Timothy	PhD	The Berlin Republic and Approaches to Ethnicity in the Antique West	Gillett, Andrew	Nobbs, Alanna Dzino, Danijel
Shannahan, John	PhD	The Reign and Influence of Artaxerxes II	McKechnie, Paul	Sheedy, Kenneth
Shiner, Rory	PhD	History, Epistemology and the Resurrection Tradition	Welborn, Laurence	Nobbs, Alanna
Sinclair, Neil	MPhil	The Hare Nome from the 4 th through to the 12 th Dynasty	Ockinga, Boyo	Kanawati, Naguib Binder, Susanne
Smith, William	PhD	The Egyptian Monarchy and the End of the Old Kingdom	Kanawati, Naguib	Woods, Alexandra
Sowden, Laura	PhD	Political Women in Early Imperial China	Mikkelsen, Gunner	Lieu, Samuel
St Shenouda, Anthony	PhD	The Development of Coptic Hagiography	Choat, Malcolm	Ghica, Victor
Theodoridis, Ioannis	PhD	The Introduction of Coenobitic Monasticism on Mount Athos	Parry, Kenneth	Nobbs, Alanna
Thorn, Alexandra	PhD	The Acts of Thomas: A Model for Early Syrian Christianity?	Ghica, Victor	Nobbs, Alanna
Toomey Alexander	Westcott, PhD	Motivation in Macedonian and Roman Armies	Bosworth, Albert	Hillard, Thomas
Turner, Susan	PhD	The Introduction, Nature, Role and Impact of the Horse in New Kingdom Egypt	Ockinga, Boyo	Kanawati, Naguib Binder, Susanne
Wearne, Gareth	PhD	Performance Theory and Ancient Israelite/Judean	Llewelyn, Stephen	Ockinga, Boyo

West, Glennise	PhD	Historiography The Teknu	Kanawati, Naguib	Binder, Susanne Woods, Alexandra Welborn, Laurence
White, Adam	PhD	Continuities in the Text of the Corinthian Correspondence	Forbes, Christopher	

(c) HDR Degrees completed & awarded October 2011 – October 2012-09-26

(i) *Completed and Awarded* (12)

<i>Name</i>	<i>Course</i>	<i>Thesis Title</i>	<i>Primary Supervisor</i>	<i>Associate Supervisor/s</i>
Almond, Matthew	PhD	A Comparative Study of Loanword Integration in Fourth- Century Coptic Literature	Choat, Malcolm	Behlmer-Loprieno, Heike Evans, Trevor
Apps, Elizabeth	PhD	Gaius Iulius Solinus and his Polyhistory	Hillard, Thomas	Nobbs, Alanna
Burns, Ross Austin	PhD	Colonnaded streets in the cities of the East under Rome	Lieu, Samuel	Kehrberg-Ostrasz, Ina Edwell, Peter
Doherty, Bernard	PhD	The Montanist Milieu: History and Historiography in the Study of Montanism	McKechnie, Paul	Nobbs, Alanna Lieu, Samuel
Gonzalez, Eliezer	PhD	The Passion of Perpetua and Felicitas and the Fate of the Dead: Ideologies and Trajectories of the Afterlife in Early Third-Century North Africa and Early Christianity	Nobbs, Alanna	Winter, Bruce
Hampson, Michelle	PhD	Men at Work: A Comparative Study of Workshop Scenes in Tombs of the Old Kingdom. Applying an Anatomisation Approach	Kanawati, Naguib	Ockinga, Boyo
Hardtke, Fred	MPhil	Society and Culture in the Western Desert of Egypt during the Pharaonic Period	Tristant, Yann	Kanawati, Naguib
Jones, Jana	PhD	Textiles in Early Egyptian Funerary Contexts: Analysis of the Epigraphic and Archaeological Evidence	Ockinga, Boyo	Oldfield, Ronald
Power, Ronika	PhD	From the cradle to the grave. Child, infant and foetal burials in the Egyptian archaeological record from the Early Dynastic-Middle Kingdom Periods	Tristant, Yann	Binder, Susanne Ockinga, Boyo
Westcott, Ellen	PhD	Memoriae Sacrum: Commemorative Practice on the Sacred Island	Hillard, Thomas	Beness, Lea
Hafsteinsdottir, Erla	PhD	Fixation of metals and metalloids of environmental concern in areas of freezing ground.	Gore, Damian	
Łyzwa-Piber, Anetta Irena	PhD	Life in Isolation: Daily life in Old Qasr (Dakhleh Oasis) in the 19 th - Early 20 th Century AD	Choat, Malcolm	

(ii) *Students who have submitted and are under examination (7)*

<i>Name</i>	<i>Course</i>	<i>Thesis Title</i>	<i>Primary Supervisor</i>	<i>Associate Supervisor/s</i>
Ayer, Kavita	PhD	Measuring Worth: Articulations of Poverty and Identity in the Late Roman Republic	Hillard, Thomas	Nobbs, Alanna
Gillett, Miriam	PhD	Inventing Identities: Graeco-Roman Constructions of the Etruscans	McKechnie, Paul	Hillard, Thomas
La Loggia, Angela	PhD	Engineering and Construction in Egypt's Early Dynastic Period	Tristant, Yann	Ockinga, Boyo
Radford, Fiona	PhD	The Many Legends of Spartacus: The Production History of a Film	Beness, Lea	Hillard, Thomas
Shin, Min Seok	PhD	A Historical Re-Examination of the Persecution of 303 to 313	McKechnie, Paul	Lieu, Samuel
Winton, Bradley	PhD	Making Christians in Tertullian	Nobbs, Alanna	Forbes, Christopher
Young, Genevieve	PhD	Changing Religious Identities. The Representation of Heresy and Orthodoxy in the Church Histories of Socrates and Sozomen	Parry, Kenneth	Nobbs, Alanna

9. EFFECTIVENESS OF THE CENTRE ON PROMOTING COLLABORATIVE RESEARCH

The MQACRC has been highly effective in enabling and promoting collaborative research within the area of ancient world studies during its operation, including cross-disciplinary research. This has occurred in several ways.

(i) *Research collaborators visiting Macquarie*

- Dr Luciana Mandruzzato, University of Trieste (Italy) was Faculty of Arts Visiting Scholar Fellow in 2012, working with A. **Traviglia**.
- Prof. Nicholas Sims-Williams (SOAS, University of London), a PI on a MQACRC ARC project visited MQ in November 2011 to work with collaborators S. **Lieu** and G. **Mikkelsen**.
- In March – May 2012, T. **Evans** hosted at Macquarie University the visiting scholar Klaas Bentein (Ghent, Belgium), whose visit was funded by the Belgian Fund for Scientific Research (FWO). Bentein wrote two papers at Macquarie, presenting one at the Macquarie Ancient History Research Seminar and has since published both. A second HDR student from Ghent, Delphine Nachtergaele, is planning to apply for Belgian funding to undertake a similar period of research at Macquarie in 2013.
- Professor Sebastiano Tusa, Soprintendente del Mare della Regione Sicilia, Italy, visited in July 2012 to discuss underwater archaeology with **Beness** and **Hillard**.
- In addition, a number of international colleagues visited the MQACRC to participate in conferences during 2012:
 - Paper given at the 17th Australian Association for Byzantine Studies Conference International visitors for the ‘Byzantium, Its Neighbours, and Its Cultures: Diversity and Interaction’, hosted by the MQACRC, included Professor J. Shepard (U Cambridge), Professor M. Ancic (U Zadar), Professor D. Hittle (U Utah), Dr M. McEvoty (U Oxford), Dr A. Nanetti (Ca’Foscari U, Venice), Dr R. Viana Boy (U São Paulo), Dr A. Vukovich (U Cambridge) and Dr H. Ziche (U Johannesburg).
 - Prof. Matthew Trundle (HoD Classics and Ancient History, Auckland) was the invited keynote speaker at the ACANS/MQACRC conference entitled ‘More things to do with Owls: Aspects of Silver Mining, Coinage, and Finance in Athens during the Archaic and Classical Periods’, 31st August 2012, which formally launched **Sheedy** and **Gore**’s ARC-funded project *A Spring of Silver, a Treasury in the Earth*.
 - The Janet Gale Visiting Fellows in Egyptology, who spoke at the Australian Centre for Egyptology Annual Conference in August 2012, were Dr Ian Shaw, University of Liverpool and Dr Cornelius von Pilgrim, Director of the Swiss Institute of Architectural and Archaeological Research on Ancient Egypt, Cairo.
 - The Society for the Study of Early Christianity visiting fellow for 2012, who gave the keynote paper for the Society for the Study of Early Christianity Annual Conference *Desert Sands – Desert Secrets: Archaeology and the Bible*. (5/5/2012), was Dr Konstantinos Politis (Director of the Hellenic Society for Near Eastern Studies in Greece).

(ii) *MQACRC members working at overseas locations with colleagues*

- M. **Choat** worked with H. Behlmer (PI on MQACRC ARC) in Göttingen, Germany, April 2012.
- S. **Chan** worked with collaborators at Baptist University of Hong Kong and Department of History, Tsinghua University, Beijing in January – June 2012 on her MQRDG project, with the collaboration with Profs Liao Mingchun and Liu Rui resulting in a book manuscript.

- **D. Dzino** worked in collaborators in Bosnia-Herzegovina, Serbia, Romania and Croatia in September 2012. New collaborative links were established with the University of Belgrade in Serbia, with a planned international colloquium on the role of archaeology in construction of modern nations for 2013, while joint publications were planned with colleagues from Croatia and Bulgaria.
- **T. Evans** worked with collaborators at the Catholic University of Leuven, Belgium and the University of Oxford in September 2012, and developed a new collaboration with scholars at Ghent University, especially Mark Janse and his students (see above, at (i)).
- **V. Ghica** worked with collaborator Gérard Roquet in France in June-July 2012 on the publication of the Coptic and Greek graffiti of the necropolis of Bagawat.
- **S. Lieu** consulted with a number of key collaborators on the ARC project *China and the Ancient Mediterranean World* at two universities in Beijing.
- **G. Mikkelsen** worked in Aarhus University, Denmark on the international project ‘Biblia Manichaica – Reception and Transformation of the Bible in Manichaean Sources’ (directed by A/Prof Nils A. Pedersen, Aarhus University; supported by the Danish Research Council 2012-15, equiv. AUD \$1.1 million), on which he is an affiliated researcher.

(iii) *Development of strategic partnerships with other Australian researchers and Research Centres*

- The MQACRC has taken a leadership role in the Australian Consortium of Humanities Research Centres, of which **A. Traviglia** is an Advisory Board member.
- **Beness** and **Hillard** were invited to become Research Associates of the Centre for Classical and Near Eastern Studies of Australia at the University of Sydney to further their collaboration with the Australian Institute of Archaeology at Athens on the topographical study of ancient Torone.
- A third installment of the joint MQACRC/Centre for Early Christian Studies (Australian Catholic University) Seminar on Letters in Classical and Late Antiquity will be held for the Australian Society of Classical Studies Congress in Sydney in January, from which an edited volume of papers by researchers in both Centres will arise.
- In 2013 the MQACRC is planning a roundtable workshop on ‘Future Directions in Ancient World Studies in Australasia’, in which the MQACRC would invite select representatives from prominent Departments and Centres of ancient world studies in Australia and New Zealand to attend Macquarie. This will provide a forum in which the discipline can discuss how best to position itself in research terms in coming years, enable the MQACRC to position itself strategically with regard to research in the field in Australasia, and give the MQACRC and Macquarie a leadership role in this discussion.

(iv) *Increasing cross-disciplinary collaboration between MQACRC researchers*

- **Gore** (Environment and Geography) and **Sheedy** (Ancient History) were successful with an ARC-DP application for a project that will employ both scientific and historical techniques to analyse the coinage of Ancient Athens.
- **Tristant** initiated an MQNS-funded interdisciplinary research partnership between the MQACRC and Macquarie Medical Imaging (Macquarie University Hospital), to undertake scientific investigation of archaeologically-derived human remains from ancient Egypt using non-invasive diagnostic medical technology.
- Several teams within the MQACRC are collaborating on diachronic examination of archaeological sites, bringing together experts in fields that frequently do not work in close collaboration.

**APPENDIX 1: FURTHER DETAIL ON SELECTED PROJECTS AND
RESEARCH TEAMS REFERRED TO IN THIS REPORT**
(Alphabetically according to lead researcher)

1. Cosmology in the Warring States Period

Researcher: **S. Chan**

Funding: CCK Application submitted

This project uses the recently discovered manuscripts – the Guodian bamboo slips unearthed in Hubei in 1993, and the Shanghai Museum collection of bamboo texts, acquired from the Hong Kong antiquities market in 1994 – as the basis for the exploration of the concept of cosmology, and the correspondence between the cosmos and humanity in the Warring States period (475 BC-221 BC).

2. Knowledge Transfer and Administrative Professionalism in a Pre-Typographic Society: Observing the Scribe at Work in Roman and Early Islamic Egypt

Resaerchers: **M. Choat, J. Cromwell, H. Behlmer** (PI, Göttingen)

Funding: ARC DP (2012–2014)

During the first year of the project, Choat and Research Associate R. Yuen-Collingridge presented papers on the project at an interdisciplinary conference held at Yale University, and worked on papyri at Ann Arbor, Michigan. Choat also examined papyri for the project in Vienna and London, and presented an invited paper on the project at the University of Manchester.

3. Macquarie Papyri Data Capture

Researchers: **M. Choat, T. Evans**, plus staff from Intersect

Funding: Australian National Data Service Data Capture Program Grant.

Funding was secured from ANDS for 2012 to produce a searchable online database for metadata and images of the 600+ papyri in the Museum of Ancient Cultures captured under an MQSIS grant in 2011. Under the direction of T. Evans, the team created an online database which will be brought online in early 2013.

4. Scribal Control in Early Islamic Egypt: Integration and Effect of the Administration of a New Regime

Researcher: **J. Cromwell**

Funding: MQRF

Research was undertaken in Oxford, New York (Columbia University, Pierpont Morgan, MMA) and Ann Arbor (Kelsey Museum and University of Michigan Papyrology Collection) on relevant material. Papers were also presented on the topic at international meetings while several papers were published and accepted in peer-reviewed journals.

5. Ancient and Medieval Identity-Shifts and the Construction of Identities in Post-Yugoslav Space

Researcher: **D. Dzino**

Funding: ARC APD (2010-2014)

Further work on the project was undertaken, resulting with four conference presentations (three international, one keynote) and new publications – 5 published and 7 accepted or invited for

publication. The research trip in Bosnia-Herzegovina, Serbia, Romania and Croatia was used to gather more material for research. New collaborative links were established with the University of Belgrade in Serbia, with a planned international colloquium/conference session on the role of archaeology in construction of modern nations for next year, while joint publications are planned with colleagues from Croatia and Bulgaria.

6. An Environmental History of Ancient Meir

Researcher: L. Evans

Funding: ARC APD (2011-2014)

The goals of the project were reassessed and modified after the first years of the ARC APD fellowship. The study was initially intended to produce an environmental history of the ancient Egyptian site of Meir via an analysis of the flora and fauna depicted in Old, Intermediate, and Middle Kingdom tombs. The focus of the project was changed when it became apparent that a history of the entire country from an environmental perspective would be of more value to the discipline. The planned volume will examine and summarise current scientific knowledge of all aspects of the ancient Egyptian environment (geographical features, climate, flora, and fauna) and evaluate the impact of environmental phenomena on Egyptian cultural expression. The site of Meir will be presented as a case study in light of these findings. Research into each environmental category is underway, with 90% of the opening chapter already completed.

7. Words from the Sand: A Lexical Analysis of Early Greek Papyri from Egypt

Researchers: T. Evans, J. Lee, J. Aitken (PI, Cambridge)

Funding: ARC DP (2010–2014)

This major project continues to develop according to plan. The focus is on drafting of entries and on training of a team of six research assistants (including both HDR and undergraduate students). T. Evans also collaborated with Belgian scholars to convene the first of three scheduled international ‘Words from the Sand’ colloquia.

8. Desert Monasticism in Byzantine Egypt / La christianisme des déserts égyptiens

Researcher: V. Ghica

Funding: Institut Français d'Archéologie Orientale; MQNS (2011)

The project continued in 2012 with fieldwork in the Western and Eastern Deserts. Ceramic surveys and C14 analyses were conducted on the sites of Dayr Mustafa Kashif, ‘Ayn Sa’af and ‘Ayn Gallal (Kharga Oasis) in January 2012. In February 2012, the hermitage of Bi’r Bikhit (Wadi ‘Araba, Eastern Desert) was excavated in collaboration with the members of IFAO’s “Wâdî ‘Araba” project, directed by Dr. Yann Tristant. The fieldwork carried out in January and February was funded by both IFAO and Macquarie University.

9. Communication and Media in the Development of the Post-Roman/Early Medieval and Byzantine World (5th to 8th Centuries)

Researcher: A. Gillett

Funding: ARC DP/QEII (2004-2009)

Analysis of the main corpus of texts has produced 2 further book chapters this year (one in an OUP collaborative volume) and one conference paper with an article in preparation. Analysis of secondary texts has produced one further book chapter (in OUP collaborative volume).

10. The Torone Project

Researchers: T. Hillard, L. Benness, A. Traviglia, D. Gore

Benness and Hillard received invitations to become Research Associates of the Centre for Classical and Near Eastern Studies of Australia at the University of Sydney to further their collaboration with the Australian Institute of Archaeology at Athens on the topographical study of ancient Torone. In October 2012 they conducted a preliminary reconnaissance of Perdikosykia, the floodplain to the northeast of classical Torone, where their previous fieldwork has established the location of Torone's harbour.

11. The Dictionary of Roman Biography Project

Researchers: T. Hillard, L. Benness

Benness and Hillard continue their work on the Macquarie Dictionary of Roman Biography Project. Three substantial articles have been accepted in the past year. In November, 2012, they will take up residence at the British School in Rome to further this work.

12. Excavations and Recording Meir in Upper Egypt

Researcher: N. Kanawati

Funding: MQSN

Fieldwork continued at Meir during January-February, 2012 with two main objectives: (a) recording the Middle Kingdom tombs of Senbi and Wekh-Hotep, and (b) excavating in the area between sections A and B of the cemetery, where small tombs from the First Intermediate Period were discovered.

13. Recording the Middle Kingdom Tombs at Beni Hassan

Researcher: N. Kanawati

Funding: MQSN

The recording of the tomb of Khnum-hotep II was completed during June-July, 2012. The tomb will soon be published and an application for an ARC grant will be submitted for this project.

14. Corpus Fontium Manichaeorum

Researchers: S. Lieu, G. Mikkelsen and international colleagues

Important final reports were published in 2012 on the Manichaean and Nestorian sites in South China, especially at Quanzhou. This is the 13th volume of the series. Prof. Nicholas Sims-Williams FBA, the team's chief collaborator in the UK, has completed the *Dictionary of Manichaean Texts, Vol. III Texts from Central Asia, Pt. 2 Texts in Sogdian* which is due to appear in late 2012. Work has also begun on the Greek Anti-Manichaean writings of Serapion of Thmuis. Mikkelsen has made good progress with preparing the digital versions of Chinese Manichaean texts. The project team at Macquarie has applied to the ARC for a DP and DORA grant to continue work on Manichaean and Nestorian texts in China and has received strong support from assessors for the grant application.

15. China and the Ancient Mediterranean World

Researchers: S. N. C. Lieu, G. Mikkelsen, J. Markley (South California State University Fullerton), G. Greatrex (Univ. of Ottawa), N. Sims-Williams (School of Oriental and African Studies, University of London), T. Loden (University of Stockholm, Sweden).

Funding: ARC DP (2010-2012).

Lieu was able to visit China and consult with a number of key collaborators on the project at two

universities in Beijing. The SERICA website has been the focus of research and research-publication this year and new additions include:

1. New translation of the Xi'an Nestorian Monument by L. Eccles and Lieu
2. Gazetteer of place and ethnic names from Central Asia by Lieu
3. Set of 4 maps on Central Asia by Tristan Doust
4. Collection with photographs (many in colour) of Palmyrene inscriptions on Trade

16. Studia Antiqua Australiensia

Researcher: S. N. C. Lieu

Funding: MQACRC Support for Desktop publication

The PDF for Vol. 5 of the series, J. Sheldon, *Commentary on G. Coèdes Greek and Latin Texts on Central Asia*, was submitted to the publishers Brepols of Turnhout and the volume will possibly appear before the end of 2012. Work on SAA6, FS Prof. Sir Fergus Millar is due to restart. The PDF of the final draft of Dr Erica Mathieson, *Christian Women in the Greek Papyri of Egypt to 400 CE* has now been received and is being considered for publication as SAA6. The series is in the process of being officially registered as 'peer-reviewed' and monographs in particular will have to be read by at least one external scholar who could be a member of the Editorial Board.

17. Gallipoli Before Gallipoli

Researchers: S. N. C. Lieu

Funding: \$12,000 from S. Lieu's Inaugural Distinguished Chair

S. Lieu was able to conduct important field survey work of the key-site of Sestos with the assistance of colleagues from the Korfmann Institute and the Onsekiz Mart University (both at Çanakkale).

18. Macquarie Theban Tombs Project

Researchers: B. Ockinga, S. Binder

Funding: MQSN

The project conducted fieldwork in Luxor from 8 January to 13 February 2012. During the season, work was carried out in Theban Tomb 233. Publication photographs were taken of the reliefs and work was done on the translation of texts in the Broad Hall. The pottery from the tomb's Coptic (Late Antique) occupation phase was also studied.

19. A Spring of Silver, a Treasury in the Earth: Coinage and Wealth in Archaic Athens

Funded: ARC DP 2012-2014.

Researchers: K. A. Sheedy, D. Gore, G. Davis.

This project explores the thesis that locally mined silver had an important impact on the public revenues of the Athenian state throughout the years c.550 BC-480 BC. It is the first to combine a comprehensive corpus and die study of archaic Athenian coinage with a statistically significant survey of the metal composition of these coins.

In the first year of funding (2012), a fieldwork season was conducted at the French national numismatic collection (Département des Monnaies, Médailles et Antiques) in the Bibliothèque nationale de France. XRF analyses were made of over 180 silver coins minted in Athens, Siphnos and Northern Greece. The database for the project was constructed by Dr K. da Costa and earlier records transferred. The catalogue of Athenian coins was enriched with new material from Paris and Athens.

As part of the project plans, a conference entitled 'More things to do with Owls: Aspects of Silver Mining, Coinage, and Finance in Athens during the Archaic and Classical Periods' was held on the 31st August 2012. Here the planned project research and current progress was presented within the context of lectures on the numismatics and political economy of archaic and classical Athens. The invited keynote speaker was Prof. Matthew Trundle (University of Auckland).

20. Authentication of Roman Glassware.

Funding: MQSIS teaching grant

Researchers: A. **Traviglia**, D. **Gore**, K. Van Dyke & collaborators from UNSW and Italy.

This project was recommenced as Macquarie now has an instrument, purchased under an MQSIS teaching grant, which accommodates larger samples. Circa 70 pieces of authentic Roman glassware have been measured.

21. Strangers in a Strange Land: the Ancient Egyptian Mummies of Macquarie University

Researcher: Y. **Tristant**

Funding: MQNSG

The project is an interdisciplinary research partnership between the Department of Ancient History and Macquarie Medical Imaging, Macquarie University Hospital. The project aims to undertake scientific investigation of archaeologically-derived human remains from ancient Egypt using non-invasive diagnostic medical technologies, including ultra-high resolution CT scanning. This is the first time an Egyptologist has undertaken biocultural studies of curated human remains in Australia. Findings derived from scientific investigations will be placed within their historical context, enabling original contributions regarding Egyptian palaeo-health, demography, nutrition and socioeconomics, and cultural/religious/technological findings regarding mummification practices. Outcomes include publications in leading Egyptological, bioanthropological and medical journals.