

PCFA Equipment Grant Program

Advice and Instructions to Applicants for funding commencing in 2009

Please note the application deadlines are available on the
Research section of the PCFA website:

<http://www.prostate.org.au/>

Late or incomplete applications or those not following the
Policies & Procedures will not be accepted.

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Introduction

The purpose of this document is to provide advice to applicants and Administering Institutions' Research Offices to assist in the completion and submission of applications for PCFA Equipment Grant funding commencing in 2008.

This document should be read in conjunction with the PCFA Equipment Grant Policies and Procedures which provides important information on:

- what is an Equipment Grant;
- who may be eligible to apply;
- eligible institutions;
- use of Equipment Grant funds;
- a brief description of the peer review process for Equipment Grant applications,
and
- confidentiality provisions.

Completing the Application

The application form, along with the CV Format Page, can be downloaded from the PCFA website. To ensure all fields are completed correctly it is recommended that you use the tab key wherever possible to move through the form. However, you can use the mouse if more convenient. Please adhere closely to these instructions as proposals failing to do so may be returned to the applicant without review.

These guidelines must be followed or grant applications will be returned.

Initial Details

Application Identification Number

The Application Identification Number (Application ID) will be allocated to you by the PCFA.

Item of Equipment Requested

Enter the item of equipment for which funding is requested.

Scientific Summary

In this section of the application, you are required to provide a summary justification of the equipment request that will be reviewed by the PCFA Research Committee and other experts in the field.

Briefly describe the why the equipment is essential to the proposed research and how it will benefit the work researchers other than yourself, at your institution or at others in the same area, specifically those involved in prostate cancer research.

(You have a maximum of 1500 characters to complete this section)

Lay Summary

Provide a brief summary, in lay language, as to what this equipment does, why it is necessary for the conduct of the proposed research (or why it will markedly accelerate that research) and list the investigators and institutions that will be using it.

(You have a maximum of 500 characters to address these questions)

Principal Investigator

The Principal Investigator is the investigator who takes responsibility for completion and lodgement of the application, and, if this proposal is successful, is expected to take the lead role in the purchase of this equipment, in ensuring that users are properly trained in its use, in allocating time on the equipment to co-investigators and other users, and in ensuring that the equipment is well maintained. The Principal Investigator must sign the Certification page of the application form on behalf of all co-investigators.

Institution

Enter the name of the institution which will administer the grant.

Total Funding Requested

Enter the total budget amount requested.

Total Cost of Equipment

Enter the total cost of the equipment.

Personnel

Intending applicants for PCFA Equipment Grants should assess their eligibility to apply for Equipment Grants against the criteria detailed in the PCFA Policies and Procedures.

Principal Investigator

The Principal Investigator is the investigator who takes responsibility for completion and lodgement of the application, and, if this proposal is successful, is expected to take the lead role in the purchase of this equipment, in ensuring that users are properly trained in its use, in allocating time on the equipment to co-investigators and other users, and in ensuring that the equipment is well maintained.

Enter the requested personal details of the Principal Investigator.

Postal Address

You must provide the address to which you wish all correspondence from the PCFA to be sent.

Courier Address

If your courier address is the same as your postal address, tick the “as above” box. If you have provided a PO Box or Locked Bag Number in your postal address, you must provide a Street Number, Street Name and Phone Number in your courier address. If relevant, the courier address should include the building name and room number.

Citizenship

The Principal Investigator must be an Australian citizen or hold permanent residency in Australia.

Will this researcher be based in Australia for the duration of the project?

The Principal Investigator is expected to be based in Australia for the duration of the project for which the equipment is requested. If this is not going to be the case please provide an explanation.

“NIH-Style” CV

Follow the CV and bibliography format shown in Appendix 1. Include the CV of the Principal Investigator and each Co-Investigator. The CV may not exceed four pages per person, including the table at the top of the first page. An example of a completed CV in the correct format can be found at Appendix I.

Complete the table of education at the top of the format page, and then complete Sections A, B, C and D described below.

- A. Positions and Honours.** List in chronological order previous significant positions, concluding with your present position. List any honours. Include present membership on any pertinent committees.
- B. Significant achievements** (≤ 200 words); where possible, reference the relevant publications (listed in section C).
- C. Selected peer-reviewed publications or manuscripts in press (in chronological order).** Separate peer-reviewed publications reporting original

research from reviews and non-peer reviewed material. Do not include manuscripts submitted or in preparation.

D. Research Support. List the following details for all submitted applications and ongoing or completed (during the last three years) research projects (Government or non-Government support):

- Title
- Principal Investigator
- Relationship of applicant to grant, if not PI (Co-I, AI)
- Brief outline of the overall goals of the projects and responsibilities of the key person (to whom the CV applies).
- Total budget
- Duration of funding
- Funding agency
- Grant Number

Each CV should be submitted, part of a single Portable Document File (.pdf) as outlined in the section on "Method of Submission".

Co-Investigators

Co-Investigators are researchers whose research will directly benefit from having access to this equipment. Hence, non-Australian researchers and researchers based overseas are not eligible to be Co-Investigators on an Equipment Grant.

Enter the requested personal details of up to three Co-Investigators.

Please provide an “NIH-style” 4 page CV and bibliography for each of the Co-Investigators, as described for the Principal Investigator

Administering Institution

Postal Address

You must provide the address to which you wish all correspondence from the PCFA to be sent.

Courier Address

If your courier address is the same as your postal address, tick the “as above” box. If you have provided a PO Box or Locked Bag Number in your postal address, you must provide a Street Number, Street Name and Phone Number in your courier address. If relevant, the courier address should include the building name and room number.

Please provide the name and email address of the Research Administration Officer for the nominated Institution.

Detailed Proposal

A maximum of three (3) pages, including references, is permitted for the Detailed Proposal. It should be in a minimum of 12pt Times Roman font, single spaced ("at" 1.0 spacing between lines) with 2.4cm margins.

All scientific information relating to your proposal must be contained in this section. When preparing this attachment, you should note that each proposal may be reviewed by experts in the field.

Item of equipment – Describe the item of equipment and its uses.

Expected useful lifespan of the equipment

The criteria that the Research Committee will use to assess an Equipment Grant application relate to the following general areas; all are important:

- **Are the investigators conducting internationally-significant research into prostate cancer?** This will be assessed by reference to the CVs of the Principal Investigator and Co-Investigator, and specifically to their publication record.
- **Is it clear that the equipment is critical to the conduct of the proposed research project(s)?** The applicants need to justify why the equipment requested is either essential for the conduct of the proposed research, or will markedly accelerate research progress.
- **Can the equipment being requested be shared by other investigators and institutions, specifically those involved in prostate cancer research?**
- **Does the institution housing the equipment agree to properly maintain it?** A statement from the relevant institutional representative to this effect is expected (see relevant section of grant application form)
- **Is co-funding of the equipment possible?** Are there other sources of funding which will co-fund the purchase of this equipment? For major items of equipment the PCFA Research Committee will expect that supplemental sources of funding will have been approached; commitments from these sources are, of course, a valuable addition to the application.

References – Ten-point type is OK for references. Details of publications cited need to include at least first author, article title, journal year, volume number and first page.

Budget

Equipment

Provide a description and cost for the item of equipment sought.

Equipment requests are to cover only items individually costing over \$50,000; the maximum amount awarded is \$100,000.

Alternative Funding Currently being Received or being Sought for this Proposal

Failure to disclose full information may result in the application being removed from any further consideration by the PCFA.

Quote

Please attach a quote for the requested equipment from the manufacturer or distributor.

Certification

This page must be printed and all required original signatures obtained. This page should then be posted to the PCFA.

By signing the Certification page the Principal Investigator, the Head of Department/Institution and the Financing Officer of the Administering Institution are agreeing to the conditions stated.

Method of Submission (*Read Carefully; call if you have questions!!*)

Once the application is completed convert **all** of the .doc, .wpd or .rtf documents to a single .pdf (Portable Document Format file) file with Adobe Acrobat, FOXIT or similar programs. Please DO NOT scan the entire document as the resulting file will be too large. You may scan the completed signature page (which can be inserted into an existing .pdf using Adobe and similar software), or alternatively, simply mail it to us separately leaving the copy in the .pdf blank. Selected pages from the proposal that may not be in electronic format (we think this is very unusual) can also be scanned.

The application documents should be presented in the single .pdf in the following order:

- ◆ Completed PCFA Application Form
- ◆ Principal Investigator's CV & bibliography
- ◆ Co-Investigator (if any) CVs and bibliographies
- ◆ Research Proposal

The .pdf file should be identified by the applicants name as follows:

Surname•firstname•EQUIPapplic•pdf

For example: Cadiddlehopper.Klem.EQUIPapplic.pdf

Email this file to: research@prostate.org.au

Grants received that are not in a single .pdf file format will be returned.

The Certification page must be printed, signed and returned to the PCFA by post.

Appendix I – Sample “NIH-Style” CV

Curriculum Vitae			
Provide the following information for the Principal Investigator and all of the Co-Investigators. Follow this format for each person. DO NOT EXCEED FOUR PAGES.			
Name			
Carlucci, Joseph Louis			
Position Title			
Professor of Microbiology			
Education/Training			
Institution and Location	Degree	Year(s)	Field of Study
Stanford University	Ph.D.	1964	Infectious Diseases
Harvard Medical School	M.D.	1972	Medicine/Parasitology

A. Positions and Honours.

Positions and Employment

1969-1971 Medical Residency, Internal Medicine, Harvard Medical School
 1971-1973 EIS Officer, Hospital Infection Section, Bacterial Diseases Branch, CDC, Atlanta, GA
 1973-1974 Instructor and Fellow in Medicine, Hematology, Massachusetts General Hospital, Boston, MA
 1974-1975 Instructor in Infectious Diseases, Massachusetts General Hospital, Boston, MA
 1978- Senior Associate in Infectious Diseases, Children’s Hospital, Boston, MA
 1978-1984 Assistant Professor of Pediatrics, Harvard Medical School
 1985-1998 Chief, Hemostasis Laboratory, Children’s Hospital, Boston, MA
 1993- Professor of Pediatrics, Harvard Medical School, Boston, MA
 1998- Professor, Dept. of Infectious Diseases, Harvard School of Public Health

Other Experience and Professional Memberships

1972-1973 Acting Chief, National Mucosal Infections Study
 1975-2000 Director of Infectious Diseases Laboratory
 1975-present Hospital Epidemiologist (Medical Director Infection Control 2000-present), Children’s Hospital, Boston
 1981-1982 President, Society of Hospital Epidemiologists of America
 1988 Member, Society for Pediatric Research
 1989-present Medical Director Quality Assurance, Children’s Hospital, Boston, MA
 1991-1993 Director, American Society for Microbiology, Division F
 1991-1997 Hospital Infection Control Practices Advisory Committee, Centers for Disease Control
 1998-present Vice-Chair for Health Outcomes, Dept. of Medicine, Children’s Hospital
 1998-2001 Steering Committee, NACHRI/CDC Pediatric Prevention Network

Honours

1982 SERC Advanced Research Scholarship, Infectious Disease Society of America

2001 Anthony Steinway Award for Excellence in Teaching (Children's Hospital)

B. In ≤ 200 words, describe your major research achievements, and where possible, refer to the relevant publications below.

C. Selected peer-reviewed publications (in chronological order).

(Publications selected from 133 peer-reviewed publications)

1. Luciani JM, Casper J, Goodman BF, Shaw CM, Carlucci JL. Prevention of respiratory virus infections through compliance with frequent hand-washing routines. *N Engl J Med* 1988 ;318:389-394.
2. Gussmann J, Pratt R, Sideway DG, Sinclair JM, Emmerson MF, Carlucci JL. Coagulase-negative staphylococcal bacteremia in the changing neonatal intensive care unit population. Is there an epidemic? *JAMA*. 1988;158:1548-1552.
3. Gussmann J, Carlucci JL, McGovern JE, Jr., Methodologic issues in nursing home epidemiology. *Rev Infect Dis* 1989;11:1119-1141.
4. Gussmann J, Emmerson MF, Smyth NE, Platt RI, Sidebottom DG, Carlucci JL. Early hospital release and antibiotic usage with nosocomial staphylococcal bacteremia in two neonatal intensive care unit populations. *Amer J Dis Child* 1991;149:325-339.
5. Murphy JA, Black RW, Schroeder LC, Weissman ST, Gussman JM, Carlucci JL, Short CJ. Quality of care for children with asthma: the role of social factors and practice setting. *Pediatrics* 1996;98:379-84.
6. Gussmann J, Carlucci JL, McGovern JE, Jr. Incidence of *Staphylococcus epidermidis* catheter-related bacteremia by infusions. *J Infect Dis* 1996;172:320-4.
7. Carlucci JL, Huskins WC. Control of nosocomial antimicrobial-resistant bacteria: A strategic priority for hospitals worldwide. *Clin Infect Dis* 1997;S139-S145.
8. Corning WC, Saylor BM, O'Steen C, Gulapagos L, O'Reilly EJ, Carlucci JL. Hospital infection prevention and control: A model for improving the quality of hospital care in low income countries. *Infect Control Hosp Epi*. 1999;13:123-35.
9. Handler CJ, Marriott B, Clearwater PT, Carlucci JL. Quality of care at a children's hospital: the child's perspective. *Arch Pediatr Adolesc Med*. 1999;143:1120-7.
10. McKinney D, Poulet KL, Wong Y, Murphy V, Ulright M, Dorling G, Long JC, Carlucci JL, Piper GB. Protective vaccine for *Staphylococcus aureus*. *Science* 1999;214:1421-7.
11. Gulazzii L, Kispert ZT, Carlucci JL, Corning WC. Risk-adjusted mortality rates in surgery: a model for outcome measurement in hospitals developing new quality improvement programs. *J Hosp Infect* 2000;24:33-42.
12. Huebner J, Qui A, Krueger WA, Carlucci JL, Pier GB. Prophylactic and therapeutic efficacy of antibodies to a capsular polysaccharide shared among vancomycin-sensitive and resistant enterococci. *Infect Immun* 2000; 68:4631-6.

13. Levitan O, Sissy RB, Kenney J, Buchwald E, Maccharone AB, Carlucci JL. Enhancement of neonatal innate defense: Effects of adding a recombinant fragment of bactericidal protein on growth and tumor necrosis factor-inducing activity of gram-positive bacteria tested in vivo. *Immun* 2000;38:3120-25.
14. Garletti JS, Harrison MC, Collin PA, Miller CD, Otter D, Shaker C, Wren M, Carlucci JL, Makato DG. A randomized trial comparing iodine to a alcohol impregnated dressing for prevention of catheter infections in neonates. *Pediatrics*. 2001;127:1461-6.
15. Corning WC, Barillo K, Festival MR, Lingonberry S, Lumbar P, Peters A, Pursons M, Carlucci JL, Tella JE. A national survey of practice variation in the use of antibiotic prophylaxis in heart surgery. *J Hosp Infect*. 2001;33:121-5.
16. Hoboken S, Peterson D, Gravely L, Carlucci JL. Compliance with hand hygiene practice in pediatric intensive care. *Pediatric Crit Care Med*. 2001;12:211-214.

D. Research Support

Ongoing Research Support

Title: Reducing Antimicrobial Resistance in Low-Income Communities: A Randomized Trial.

Principal Investigator: Joseph Carlucci

Goals & Responsibilities: This is a randomized trial of interventions to reduce antimicrobial usage and resistance in low-income communities. Responsibilities as PI are to coordinate research and oversee junior investigators.

Total Budget: \$ 1 000 000

Duration of Funding: 9/01/1999 to 30/08/2004

Funding Agency: AHRQ

Grant Number: None

Title: Bacteriology and Mycology Study of ICU Patients at Risk for Antimicrobial Resistant Bacterial Infections.

Principal Investigator: J.L. Carlucci

Goals & Responsibilities: The study will perform clinical trials of interventions to reduce antimicrobial resistant infections. Responsibilities as PI are to coordinate research and oversee junior investigators.

Total Budget: \$ 500 000

Duration of Funding: 01/04/2001 to 31/03/2006

Funding Agency: NIH/NIAID

Grant Number: RO1 374558-02

Title: Chloride and Sodium Transport in Airway Epithelial Cells

Principal Investigator: Fred Anderson

Relationship of Applicant to Grant: Co-Investigator

Goals & Responsibilities: The major goals of this project are to define the biochemistry of chloride and sodium transport in airway epithelial cells and clone the gene(s) involved in transport. Responsibilities as Co-Investigator are to provide expertise in the Franz cells used to assess electrolyte transport; data review and analysis; editing manuscripts.

Total Budget: \$ 1 500 000

Duration of Funding: 01/03/2001 to 28/02/2006

Funding Agency: NIH/NHLBI

Grant Number: RO1-736548

Title: Intermountain Child Health Services Research Consortium

Principal Investigator: Dustin Hoffman

Relationship of Applicant to Grant: Co-Investigator

Goals & Responsibilities: This consortium will seek to build pediatric health services research capacity and training in the Intermountain Region. Responsibilities as Co-Investigator are to work with the PI to ensure that the consortium is comprehensive and works well.

Total Budget: \$ 1 000 000

Duration of Funding: 28/09/2001 to 27/09/2003

Funding Agency: NIH/NIAID

Grant Number: RFP 01-9457233

Completed Research Support

Title: Evaluating Quality Improvement Strategies (EQUIS)

Principal Investigator: Arthur Herman

Relationship of Applicant to Grant: Co-Investigator

Goals & Responsibilities: The goal of this study was to evaluate quality improvement and collaborative learning to improve asthma care in office-based pediatrics. Responsibilities as Co-Investigator were to review analysis of data and edit manuscripts.

Total Budget: \$ 500 000

Duration of Funding: 01/12/2000 to 30/11/2004

Funding Agency: NIH/NIAID

Grant Number: RFP 354989568

Title: Epidemiology of Emerging Infections

Principal Investigator: Nigel Spielman

Relationship of Applicant to Grant: Associate Investigator

Goals & Responsibilities: The goal of this project was to study emerging infections in high risk populations who are treated in emergency room situations. Responsibilities as Associate Investigator were to ensure that patient enrolment was completed.

Total Budget: \$ 750 000

Duration of Funding: 01/07/1999 to 30/06/2004

Funding Agency: NIH/NIAID

Grant Number: T32 AI07654