



STELLENBOSCH UNIVERSITY INTERNAL CLOSING DATE: DOCTORAL APPLICATIONS: 18 JUNE 2019 MASTERS APPLICATIONS: 28 JUNE 2019

Application and Funding Guide for 2020

First time applicant Masters and Doctoral

Scholarships for Full-time Studies

Grants Management and Systems Administration

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List of Acronyms

PR	Progress Report
DA	Designated Authority
GMSA	Grants Management and Systems Administration
HEI	Higher Education Institution
HICD	Human and Infrastructure Capacity Development
RISA	Research and Innovation Support and Advancement
NRF	National Research Foundation

Contact Details

For Grant Management and System Administration related enquiries, please contact:

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Application and funding guidelines are explained in this document. Applicants must read this document together with the following document: Framework for Masters and Doctoral Scholarships for Full-time Studies which highlights the eligibility criteria and requirements of each funding instrument.

For technical online enquiries, please contact the NRF Support Desk during office hours from 08:00 to 16:30 Monday to Friday.

Tel: 012 481 4202

E-mail: supportdesk@nrf.ac.za

1. Introduction

This Application and Funding Guide provides an overview of the application process and funding guidelines for the First time applicant Masters and Doctoral Scholarships for the 2020 academic year. It should be read in conjunction with the above-mentioned **Framework**, which can be accessed at <u>https://nrfsubmission.nrf.ac.za</u> and under the *NRF Call Information documents* on the application. The Framework provides detailed information with respect to objectives of the funding instrument, eligibility criteria, etc. This document does not, however, constitute a complete set of the policies, procedures or systems used by the NRF.

2. Conditions of Grant

- The NRF scholarship shall be held as the primary source of funding.
- The scholarship-holder may hold bursaries, awards, assistantships and receive emoluments from *private institutions* in conjunction with the NRF scholarship.
- The scholarship-holder will be accepted as a full-time student during the tenure of the scholarship. Scholarship-holders may not concurrently hold the scholarship with any full-time salaried employment position.
- The scholarship holder must obtain the degree for which the scholarship was awarded by the contractual date, which is within one (1) year after NRF funding has ceased and notify the NRF via the relevant university authority, unless otherwise approved by the NRF in writing. Should the scholarship holder not complete the degree for which the scholarship was awarded, the funds will have to be returned to the NRF plus interest at the prevailing prime rate charged by the NRF bankers.

3. Application Process

The NRF issues a call for the Masters and Doctoral Scholarships for Full-time Studies that is published the NRF website is accessible online on and at https://nrfsubmission.nrf.ac.za. The Masters and Doctoral Scholarships for Full-time Studies call will not accept more than one (1) application per applicant. Current recipients of NRF Masters scholarships who wish to apply for half-year extension support as well as half-year Doctoral support under the first time applicant category will have to choose between the two. Once an applicant submits an application, the application will be automatically routed to the institutional Designated Authority (DA) based at the Research/Postgraduate office at the university for validation before or on the deadline date determined by individual institutions. The applications will then be authorised and approved by the institutional DA through a screening process using the call requirements. The processing of a successful grant application takes approximately five (5) months from the time of submission until the commencement of funding.

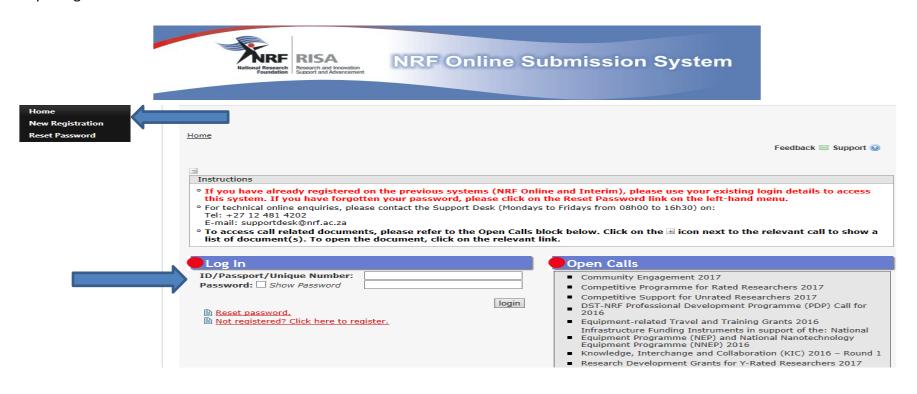
4. How to Submit Applications

Applications may be completed on the NRF Online Submission System at <u>https://nrfsubmission.nrf.ac.za</u>. Applicants are advised to complete their applications soon after the call opened to prevent IT system overload nearer the closing date.

Applicants must ensure that they adhere to their institution's internal closing date for submission of their application to allow for internal institutional screening and review. The internal closing date will be determined by the respective Research Office or Post Graduate Office and is usually at least two (2) weeks prior to the NRF closing date. It is the responsibility of the applicant to check the institution's internal closing date with the Research or Postgraduate office. **Step 1:** This is an electronic submission system and applicants must be registered on the system in order to create and complete an application. If you had previously registered and submitted an application on the NRF Online System (http://nrfonline.nrf.ac.za) before February 2012, your details would have been migrated to the new NRF Online Submission System (https://nrfsubmission.nrf.ac.za). If you experience problems accessing the system with your NRF Online password, use the Reset Password button. If your e-mail address is outdated, please contact the NRF Support Desk for assistance. Contact details for the NRF support desk are in page 3 of this document.

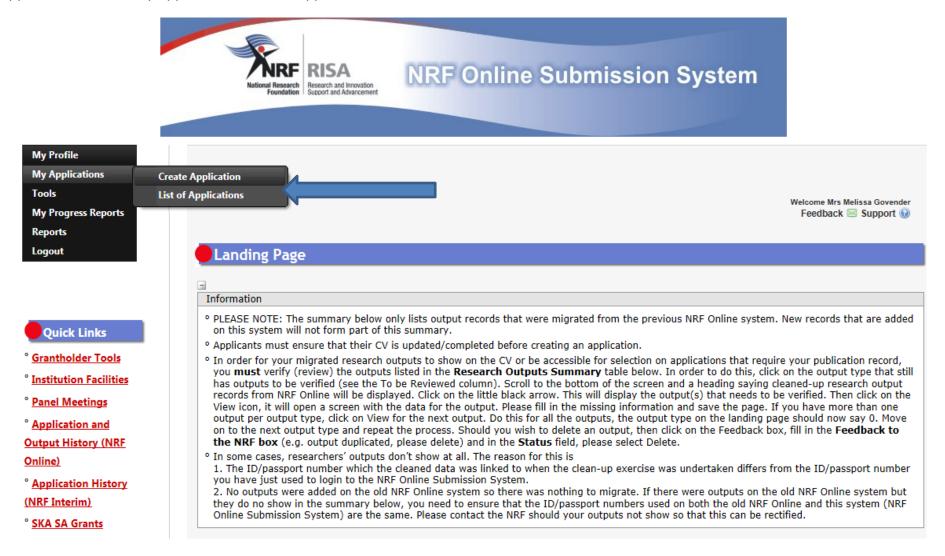
If you are not yet registered on the NRF Online Submission System, you must register to access the application form.

Most application screens have application-specific instructions to help you work through the section. Please read the instructions carefully before completing the section.



Masters and Doctoral Scholarships for Full-time Studies Application and Funding Guide for 2020

Step 2: After logging onto the NRF Online Submission System, applicants get to the **landing page** where there is a menu at the top left side of the screen (tab indicated with blue arrow below). Start by filling in all the sections under **My Profile – My CV** to create a CV. To create a new application, click on My Applications - Create Application.



Step 3: Select NRF Postgraduate Scholarships Call funding category on the Create Application screen and a new application will open for the

applicant to complete. Please note that this must be selected only once. To continue working on the same application, go to My Applications -

List of Applications, and click the Edit button.

Create Application Instructions Check your intended institution's internal closing date as it will be prior to the closing date listed for applications, where applicable. A timeout will appear when there is no activity on the system for 25 minutes. Click on the refresh button (in the popup box) as this will enable the continuation/completion of the application. When clicking on the close button the system will close. Due to potential international review of applications and progress reports, the NRF requires that all applications and progress reports be completed

in English.

 Please consult the Funding Framework and Funding & Application Guide for more information to assist you in your choices. These documents can be accessed at <u>https://www.nrf.ac.za/funding/framework-documents</u>.

• Ensure that you complete or update your CV. This is very important as applications without an updated CV will not be considered.

>	Funding Category	Create
	Concept Notes	0
>	Customised Programmes	
>	Institutional Grants	
	NRF Postgraduate Scholarships Call	•
	Postdoctoral Grants	0
>	Research Grants: General	
>	Research Grants: International	
>	Research Grants: Without student support	
	Research Grants: Thuthuka	•
>	Travel, Training and Conference Grants: General	
	Travel, Training and Conference Grants: Scholarship- and Fellowship-holders	0

Step 4: All sections marked with red **asterisks** (*) are compulsory. These sections must be completed in order for the final submit button to be activated. Applicants may enter information in the non-compulsory sections only if they have information to fill in, such as research outputs. Completed sections will be indicated by a green tick on the main menu, while incomplete sections will have a yellow cross.

Section	Complete	Date Updated	Edi
NRF Call Information Documents (Please read before starting this application)	0	29 Mar 2019	6
Registration Details *	×	29 Mar 2019	6
Contact Details *	×	23 Aug 2017	6
Qualifications *	✓	04 Feb 2019	6
Career Profile	×	29 Mar 2019	6
Research Expertise *	×	02 Jun 2016	6
Student Supervision Record	*	29 Mar 2019	6
Absence from Research	*	29 Mar 2019	6
Personal Profile *	*	29 Mar 2019	6
Books	*	29 Mar 2019	6
Chapters in Books	*	29 Mar 2019	6
Refereed/Peer-reviewed Conference Outputs	*	29 Mar 2019	6
Articles in Refereed/Peer-reviewed Journals	*	29 Mar 2019	6
Patents	*	29 Mar 2019	6
Keynote/Plenary Addresses	*	29 Mar 2019	6
Articles in Non-refereed/Non-peer Reviewed Journals	*	29 Mar 2019	6
Other Significant Conference Outputs	*	29 Mar 2019	6
Technical/Policy Reports	*	29 Mar 2019	6
Products	*	29 Mar 2019	6
Artefacts	*	29 Mar 2019	6
Prototypes	*	29 Mar 2019	6
Other Recognised Research Outputs	*	29 Mar 2019	6
Disability *	×	23 Aug 2017	6
ORCID *	*	29 Mar 2019	6
Application Category *	*	29 Mar 2019	6
Print Preview		29 Mar 2019	

Final Submit

©NRF Online Submission System

All compulsory sections will guide applicants with error messages. Please follow these messages to complete the sections correctly.

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Step 5: ORCID provides a persistent digital identifier that distinguishes you from other researchers and, through integration in key research workflows such as manuscript and grant submission, supports automated linkages between you and your professional activities ensuring that your work is recognized. If you don't have an ORCID ID, please click on *Create or Connect your ORCID iD*, you will be redirected to the ORCID website where you will have to register to obtain an ORCID ID. If you already have an ORCID ID, please click on *Create or Connect or Connect your ORCID iD*, and your ORCID number will be pulled through.

DRCID	
Instructions	
° ORCID provides a persistent	digital identifier that distinguishes you from other researchers. Learn more at orcid.org
 To link your ORCID ID with proceed to review. 	the NRF you must 'Authorise' ORCID to allow this. This is an NRF prerequisite for applications/progress reports
• PLEASE NOTE this is a corr	pulsory section in all applications/progress reports to the NRF for funding and rating.
ORCID iD	D Create or Connect your ORCID iD
	Save (1) Return to Menu

Step 6: Under the *Application Category* section, you have an option of applying for **Extension support** or applying as a **First time** applicant. Please select **First time applicants** (applicants who do not have NRF funding for the degree they are applying for in 2019)

NB: please refer to the *Extension Support for Masters and Doctoral scholarships* application and Funding guide and *Nuffic* application and Funding guide if you are applying for these programmes.

When you select *First Time Applicant* option, a *Scholarship applying for* section will appear. On the dropdown list you can select the programme you want to apply for.

If you selected Masters under Type of Scholarship, on the dropdown list you will have the following programmes:

SASAC – This programme only caters for students who will be using systems analysis methodology in their research.

OTHER – other includes the Freestanding, Innovation and Scarce Skills and DAAD programmes. If you are applying for a local scholarship, and you will not be using systems analysis methodology in your research you will be considered under one of these programmes. Each of these programmes have different eligibility criteria (please refer to the Framework Document).

If you selected Doctoral under *Type of Scholarship*, on the dropdown list you have an option of selecting one of the following programmes:

SASAC – This programme only caters for students who will be using systems analysis methodology in their research.

OTHER – other includes the Freestanding, Innovation and Scarce Skills and DAAD programmes. If you are applying for a local scholarship, and you will not be using systems analysis methodology in your research you will be considered under one of these programmes. Each of these programmes have different eligibility criteria (please refer to the Framework Document).

TWAS – This programme is only open to citizens and permanent residents from developing countries in and outside Africa. **South Africans are not eligible to apply.**

Application Category

Instructions

- First Time Applicant: Honours or Masters or Doctoral applicant without NRF funding for the degree you are applying for in this year.
- Extension Support Applicant: Masters or Doctoral applicant who holds an NRF scholarship for the current degree who is either on second year of Masters or third year at Doctoral level.
- TWAS Doctoral Applicant: Citizens and permanent residents in Africa or developing country outside South Africa at the time of application. (See list of eligible countries/states in the Framework document)
- NRF-Nuffic Doctoral Scholarships: South African citizens or permanent residents apply for either full-time doctoral studies at a Dutch HEI (Single-site mode) OR full-time doctoral studies jointly developed and implemented by a Dutch HEI and a Partner University in South Africa resulting in a joint degree (Spilt-site mode).
- ° SASAC Applicant: Masters or Doctoral applicants who will be using systems analysis methodology in their research.
- ° Other: Includes Freestanding, Innovation and Scarce-skills (FISS) and DAAD.

° FOR DETAILED AND IN-DEPTH INFORMATION, KINDLY REFER TO THE FRAMEWORK DOCUMENT.

Type of Scholarship	Doctoral	-
Please indicate if you are	 First Time Applicant Extension Support Applicant * 	
Scholarship applying for	SASAC	•
	NRF-Nuffic (Split-site)	
	NRF-Nuffic (Single-site)	
	SASAC	
	TWAS	
	Other	

©NRF Online Submission System

Please note that the system will not allow you to make changes after the saving on this section. If you want to change something, please delete the application and create a new one.

Step 7: The *Degree to be Funded* section requires applicants to provide the details of the degree. Applicants who will be studying full-time must select Full time if they will be studying on a full-time basis in 2020, failing which the application will be rejected. Students in their second year of Masters or third year of Doctoral studies in 2019 are not eligible for funding.

Sabbatical Grant category - Masters and Doctoral Scholarships for Full-time Studies applicants are not eligible for sabbatical; please therefore click "No' to this question.

Degree to be Funded	
Instructions	
• Only Students who will register on a full-time basis in 202	20 may apply.
• Please select NO under Eligible for Sabbatical Grant.	
Eligible for Sabbatical grant	⊖Yes ⊙No *
Date of first registration for this degree	DD/MM/CCYY
Will Master's registration be upgraded to doctoral status?	OYes ONo
Date of upgrading	DD/MM/CCYY
Does any financial support received for previous studies bind you to a service contract?	OYes ONo ≈
Are you currently enrolled for the degree/research for which you are applying for support?	⊖Yes ⊖No *
Student Number (if currently registered at a university)	
Discipline (of degree to be funded)	Select an option *
Department/School (of degree to be funded)	
Faculty (of degree to be funded)	
Is this research topic similar to your previous study?	OYes ONo *
Indicate what you are doing presently	
	// ×
	250 characters left.
	Save Return to Menu

©NRF Online Submission System

Step 8: The *Research Project Information section* requires applicants to select the proposed institution. South African Higher Education Institutions (HEI), including SA national facilities, as well as Research institutions will be on the list. If the institution to be selected is not amongst those on the drop-down list, it can be requested by selecting the support tab on the far right at the top of the screen. Please note that it is the applicant's responsibility to find an institution and supervisor in South Africa that is willing to host them.

Research Project Information

 All fields are compulsory in this section. The Short Title of Research Project field is restricted to 	100 characters (including spaces)		
 The Descriptive Title of Research Project field is restricted to 		ould be a clearer description of what	t the
research is about, therefore expanding on the Short Tit	le.		
 You MUST consult the attached call documents before c 	ompleting your application form online.		
Applicant's Proposed Institution	Select an option	▼ (1) *	
Short Title of Research Project		340	
Research Project Start Year	*		
Research Project End Year	*		
Budget Start Year	2020		
Required Funding Period	*		
udget End Year			
Descriptive Title of Research Project			
las this research project previously been funded by the IRF?	2000 characters left. ◯Yes ◯No ズ Save Return to Menu	*	

Disclaimer

Step 9: In the *Academic Achievements* section, please enter the academic average from the final year of your previous degree by adding up all your marks and dividing by the number of courses/modules. If your institution does not provide a mark, please enter pass in the field. The review panel will compare the scores entered with your academic transcript.

Academic Achievements

Instructions	
 Average percentage mark for major subjects refers to: 	
Masters:	
Average percentage mark for the honours degree if comple	eted;
OR	
Average percentage mark for major subjects in the final-y	ear undergraduate courses for students currently registered for a honours degree;
OR	
Average percentage mark for major subjects in the third-y degree.	ear undergraduate courses for students in the final year of a four-year undergraduate
Doctoral:	
Percentage mark for the masters degree if completed;	
OR	
If the masters degree is in progress, average percentage r	nark for the honours degree;
OR	
Average percentage mark for major subjects in the final ye	ear of a four-year undergraduate degree.
Students who received a "Pass" and have not entered a period	centage pass mark will be given a default score of 1.
	years prescribed for the completion of a Designated Qualification.
Average percentage mark for major subjects	
Year in which previous degree was completed	
Completion time for previous degree	Select an option
	Save Return to Menu

Step 10: The *Details of Research* section is one of the most important sections in the application. The section has specific instructions related to each screen. Follow the instructions to complete the sections. Applicants must give a concise overview of the proposed research in this section as the input is taken into consideration during the assessment of the application. Appropriate literature references must also be included in this section. It is acceptable to attach a page of literature references. The requirements under the section are different for masters and doctoral applicants. The Scorecard that will be used to assess the application can be viewed in the **Framework Document**.

For Masters applicants;

 Please note that all fields in this section are compulsory and unless fully com Please refer to the Framework document of the call that you are app 		on cannot be submitted.	
Section	Complete	Date Updated	Edit
		29 Mar 2019	
Problem Outline *	2	29 Mai 2019	6
Problem Outline * Alignment to National Imperatives *	× ×	29 Mar 2019 29 Mar 2019	

For Doctoral applicants;

<u> </u>			
Instructions			
 Please note that all fields in this section are compulsory and ur Please refer to the Framework document of the call that 		ion cannot be submitted.	
Section	Complete	Date Updated	Edit
	Complete 🔀	Date Updated 29 Mar 2019	Edit
Problem Statement *		·	Edit
Section Problem Statement * Aims and Objectives * Potential Impact *	× ×	29 Mar 2019	Edit

*Please note that the Details of Research section will only be marked as complete when all the sub-sections have been completed.

Step 11: The *National Infrastructure Platform section* is not relevant to this call, please click on "No plan to access platforms" and save.

National Infrastructure Platforms

-Instructions

° This is for indicating planned equipment and/or data to be accessed outside your own institution.

 The information provided in this section is for information purposes for the NRF and will not have any impact on future decisions around grants or grantholders.

National Infrastructure Platform	Type of Platform	Planned Usage	Edit	Delete
	Add (1)			
No plan to access platforms				
	Save Return to Menu			

Step 12: The *Science Engagement* section is a compulsory section. Should applicants not be running any science engagement activities, they must click on "add" and select "N/A" under "activity" and category".

ience Engagement				
nstructions				
Indicate how you intend to commu gap between science and society.	nicate and engage with the wider community	on the significance of your	research in an effort to bridge t	
Activity	Category	Edit	Delete	
	Add Return to Mer	าน		

Step 13: The *Reference* section allows applicants to include academic referees who can comment on the applicant's academic abilities. On final submission of the application, emails requesting a referee's response, are sent automatically to the nominated referees to provide a report on the academic and research capabilities of the applicant. Types of references required are listed below: Applicants must ensure that the contact details for the referee are correct. If you have not identified a potential supervisor, the institution will identify one for you.

- Master's applicants Master's supervisor and an academic referee
- Doctoral applicants Master's supervisor, Doctoral supervisor and an academic referee
- For extension support applicants either Doctoral or Masters Supervisor who can comment on the progress of the studies. If there is no response from the supervisor, the application will be rejected without review.

d						
Instructions						
		ts to determine the compulsory ober of references is submitted,				
Surname	Initials	Email Address	Faculty	Responded	Edit	Delete

NB: The applicant must periodically view the application PDF to ensure referees have responded to the request.

Step 14: *Person History* section is required for statistical purposes by the NRF.

Proof of NSFAS or University financial aid sche			
Proof of NSFAS or University financial aid sche			
 Please only select the primary funder under [previous studies funded by" or "current degree funding".		
Previous studies funded by			
,	NSFAS funded		
	University Financial Aid		
	Self funded		
	Other Government departments		
	International donor funds		
	NRF Funded		
	Institutional Funding		
	Not funded from any other source		
	Private Sector Company		
	Not applicable *		
Current degree funding			
	NSFAS funded		
	University Financial Aid		
	Self funded		
	Other Government departments		
	International donor funds		
	NRF Funded		
	Institutional Funding		
	Not funded from any other source		
	Private Sector Company *		
Are you currently a DST-NRF intern	⊖Yes⊖No *		

©NRF Online Submission System

Step 15: In the *Attachment section*, please print or make a copy, certify and then scan all the required documents and submit as a **single PDF file**. The applicant is required to attach the following documents:

(i) Certified academic record or, in case of applicants with outstanding fees due to the university, attach an official statement that is stamped and signed, as proof that the transcript is not issued due to outstanding fees owed to the university.

(ii) Official proof of National Student Financial Aid Scheme (NSFAS) or University Financial Aid funding for applicants that have indicated that they were previously funded by NSFAS or University Financial Aid.

(iii) Certified copy of SAQA certificate of qualifications obtained outside SA - **only applicable to TWAS applicants.** Applicants who are still waiting for the SAQA certificate to be issued, proof that the applicant has at least submitted his/her qualifications for evaluation to SAQA must be submitted with the application.

(iv) Letter of acceptance from a South African university and/or a letter from the supervisor approving the research project - **only applicable to TWAS applicants.**

(v) English Proficiency Certificate (if available at the time of application and is compulsory if the application is funded) - **only applicable to TWAS applicants.**

Attachments							
-							
Instructions							
 Please consult with the Call documents to determine what attachments are compulsory. Please note that if they are not attached, the application will not be processed for reviewing. 							
 Capture an appropriate Description for the document to be uploaded. 							
 Select the Document Type to be uploaded. 							
 Click the Browse button below to select the file on your local machine. 							
 Click on the Upload button to save. 							
 Opload pages individually if document is larger than 4MB. (For rating applications, please see specific instructions in this section of the rating application.) 							
 Please do not upload zip files. Acrobat reader has built-in security to prevent the opening of zip files by default (please read the article at http://forums.adobe.com/thread/520515 for more information). 							
Description	Туре	File Name	Edit	View	Delete		

Return to Menu

Add

Step 16: Applicants must adhere to their institution's internal closing date for submission of their applications to allow for internal institutional screening and review. The Institution's internal closing date will be determined by the respective Research Office or Postgraduate Office and is usually at least two weeks prior to the NRF's closing date. DAs ensure that all proposals are screened and approved through internal institutional processes before submitting the applications to the NRF. The NRF assumes that the respective DAs are satisfied with the standard of all proposals validated and submitted, and that the institution approves and supports the proposed research.

Step 17: The final submit button will only be activated when all compulsory sections are complete. If all the compulsory sections are complete and the final submit button does not appear, resave the Project Information section to refresh the application. The final submit button should then be active. A submitted application is automatically routed to the DA in the Research or Postgraduate Office of the South African institution that was selected, for internal review and validation. Late applications, additional supporting documentation or information received after the closing date will not be accepted or considered.

The NRF will not process applications that are incomplete, contain insufficient or incorrect information,

or fail to comply with instructions. These applications will be rejected. The application must be completed in sufficient detail to allow for a comprehensive review and evaluation by external reviewers. In addition to the electronic application and required attachments, the NRF may request additional information or documentation to support an application if required. Failure to supply such information or documentation upon request may result in the rejection of the application.

5. Screening and Review Processes

5.1. Overview of the Screening Process

All applications validated by South African institutions and submitted to the NRF, are screened by the NRF for compliance with the eligibility criteria and requirements of the Call for applications. Applications that fail to meet the stipulated requirements will be rejected.

5.2. Overview of the Review Process

The NRF's peer review policy requires that all applications be subjected to a review process. The Doctoral applications submitted to this funding instrument will go through a panel review process. The Masters applications will go through the institutional review process.

5.2.1. Panel Review

Panel members are selected from the NRF database that is updated on a continuous basis, and other sources. In compiling the review panel, the expertise and experience of individuals in application adjudication are taken into account. In assessing the application, agreed assessment criteria are applied in the form of a scorecard (please refer to the **Framework Document**).

The Review Panel provides recommendations to the NRF and the final funding decision is made by the NRF. In awarding grants in this funding instrument, the NRF takes into account the recommendations of the peer review panels, the objectives and targets of the funding instrument, and the available funds.

6. Applications Feedback and Disputes

Once the review and assessment processes have been completed and the recommended funding decision has been approved by the NRF, the NRF will publish a list of successful applicants on the NRF website at <u>www.nrf.ac.za/bursaries/calls</u>. The application status online will indicate whether or not the application has been approved for funding. If your name does not appear on the published list of successful applications it means that your application was unsuccessful.

Unsuccessful applicants that wish to appeal the funding decision taken by the NRF must follow the appropriate Appeals Process of the NRF. Appeals for this funding instrument will only be considered two to three (2-3) months after the official publication date of the results on the NRF website.

7. Awardee Responsibilities

7.1. Reporting

Continued funding beyond the first year is dependent on the submission of a Progress Report (PR) when the official process has opened on the NRF Online Submission Systems. Continued funding will be considered based on satisfactory progress.

A PR must be submitted by the awardee / grant holder in a format provided by the NRF, documenting progress made against set objectives and research outputs. The NRF may, in consultation with the Research Office, request interim progress reports for the purpose of implementing corrective measures timeously to ensure that stated objectives are met within stipulated timeframes.

7.2. Managing changes during the project life cycle

Changes may occur during the project life cycle due to unforeseen and extenuating circumstances. Please note the following on how to manage the award and subsequent changes (planned or unanticipated) should they arise during the project life cycle.

7.2.1. Change Requests

7.2.1.1. Prior Approval Requests

Applicants must submit all change requests in writing to the NRF for approval before effecting any changes. The request must have institutional DA endorsement and be submitted to the NRF *via* the South African institution's Research Office / Postgraduate Office for approval prior to the change.

7.2.1.2. Changes in Project Scope, Supervisor or Institution

Changes may occur where a project scope, supervisor or institution needs to be changed from the original research proposal, supervisor or institution respectively. The request must have institutional DA endorsement and be submitted to the NRF *via* the Research / Postgraduate Office. Such requests must be forwarded to the NRF 30 days before the change is intended to take place.

8. Scientific Compliance

8.1. Methodology

The student takes scientific responsibility for the research to be undertaken, including its objectives and the methodology outlined in the project proposal. The student is required to devote the necessary time to the research project in compliance with the work-plan for the research proposal approved by the NRF so as to achieve the project's stated aims and objectives.

8.2. Intellectual Property Rights

The intellectual capital generated by NRF funded research must be appropriately protected and exploited for the benefit of South Africa. This condition should not interfere with the Intellectual

Property Rights arrangements already made, on condition that the majority of the benefits arising from the intellectual capital accrue to South Africa and its citizens. This condition is aligned with the *Intellectual Property Rights Act*, ¹ which will override this condition of grant.

8.3. Ethics

The student is required to maintain the highest ethical and safety standards in conducting the research, particularly when human and animal subjects are involved. It remains the responsibility of the project leader to comply with all relevant regulations in this regard, including those of the institution at which the research is carried out. An ethical clearance certificate (where applicable) must be submitted to the NRF in respect of successful applications before funding can be released.

¹ RSA (2008). Intellectual Property Rights from Publicly Financed Research and Development Act 51 of 2008. *Government Gazette*, 22 Dec 2008. Vol 522, No 3174