Faculty of Health Sciences Guide for NRF-rating Internal Evaluation

This document provides guidance to the Faculty of Health Sciences (FHS) NRF-rating internal evaluation. It provides a clear definition of key terms and an evaluation criteria to ensure objective internal evaluation of NRF-rating applications submitted by Faculty of Health Science staff. This guideline can also be used for self-evaluation and mentoring junior research.

Definitions of key terms

- International recognition- The researcher is well known to their peers for their innovative work in his field of research and to some degree known by other scientists working outside the narrow field of specialization. This will be demonstrated by evidence of serving in international boards committees or research groups as well as invited talks by international bodies in their field, large external funding and research awards.
- **High quality research outputs-** Research article/s published in quantile one (Q1) journals.
- Impact of research outputs High number of citations from research outputs and/or evidence of translation of research into policy and practice/product patent.
- Impact of researcher This is measured by the researcher's H-index.

Table 1: NRF rating evaluation guide

Cat Definit	Subcate gory ion	Description	Evaluation questions (yes/no)	Example of justification statements/points for the selected rating- more details can be provided for each applicant
A Resear hers who as unequi ocally recogn ed to their peers a leading international	re V A2 is by	A researcher in this group is recognised by all reviewers as a leading scholar in his/her field internationally for the high quality and wide impact (i.e. beyond a narrow field of specialisation) of	Does the researcher present evidence of serving in international boards - related to their field, in a leadership position equivalent to Chair of board? Does the researcher	• The researcher presents evidence of serving in internation al boards related to their field in a leadership position equivalent

scholars in their field for the high quality and impact of their recent researc h outputs. his/her recent research outputs.

A researcher in this group recognised by the overriding majority of reviewers as a leading scholar in his/her field internationally for the high quality and impact (either wide or confined) of his/her recent research outputs.

present evidence of serving in international/national boards outside their field in a leadership position equivalent to Chair of board committee?

Does the researcher present evidence of serving in high impact (Q1) international journals boards as a Chief Editor?

Does the researcher present evidence of serving in national boards, e.g. Chair of board committee?

Does the researcher lead a productive research group/cluster/ent ity in their research niche area?

Does the researcher present evidence of at least five invited talks in internal conferences or research meetings?

Does the researcher have

- to Chair of board committee
- Does the researcher present evidence of serving in internation al/national boards outside their field in leadership position equivalent to Chair of board committee
- The researcher presents evidence of serving in high impact (Q1) internation al journals boards as a Chief editor
- researcher presents evidence of serving in national boards, e.g. Chair of board committee
- The researcher leads a productive research group/clust

an average H-	er in their
index of >30?	research
Does the research	niche area
	(state the
present evidence	name of
of their research	group/clust
that was	er/entity)
translated into	• The
policy, practice	researcher
and product	presented
patent?	evidence of
Are all	at least five
researchers' top	invited
five outputs	talks in
published in Q1	internal
journals?	conference
Are all	s or
researchers' top	research
five outputs	meetings
highly cited with	• The
>50 citations?	researcher
	has an
Has the	average H-
researcher	index of
supervised at	>30
least 10 PhD	• The
candidates to	researcher
completion?	presents
Does the	evidence of
researcher	their
present high-	research
impact research	that was
·	translate
outputs	into policy,
published by their	practice
supervised	and
postgraduate	product
students?	patent
	• All
	researcher'
	s top five
	·
	outputs
	published
	in Q1
	journals?
	• All
	researcher

					s' top five outputs highly cited (>50 citations)? • The researcher supervised at least 10 PhD candidates to completion • The researcher presents high impact research outputs published by their
					supervised postgradua te students
В	Researche rs who enjoy considera ble internatio nal recognitio n by their peers for the high quality and impact of their recent research outputs.	B1	All reviewers are firmly convinced that the applicant enjoys considerable international recognition for the high quality and impact of his/her recent research outputs, with some of them indicating that he/she is a leading international scholar in the field.	Does the researcher present evidence of serving in international boards related to their field? Does the researcher present evidence of serving in international journals as an associate editor or issue editor? Does the researcher present evidence of serving in international journals as an associate editor?	 The researcher presents evidence of serving in internation al boards related to their field The researcher presents evidence of serving in internation al journals as an associate editor or issue editor The researcher presents

Does evidence of the researcher serving in present evidence national serving boards national boards The outside researcher their research presents niche evidence of area? serving in Does the national researcher lead a boards productive outside research their group/cluster? research Does the niche area researcher The present an researcher average H-index leads of >20? productive research Does the research group/clust present evidence er (state of their research the name that was of translated into group/clust policy and er/entity) practice? The Are the majority researcher (at least 3/5) of presents an the top five average Hindex of outputs >20 published in Q1 The journals? research presents Are some of the evidence of researchers' top their outputs five research highly cited with that was >50 citations? translated into policy Has the and researcher practice supervised at Majority (at least 5 or more least 3/5) PhD candidates to of the top

completion?

five

	Т	1	1
		Does the	outputs
		researcher	published
		present high-	in Q1
		impact research	journals
		outputs	Are some
		published by their	researcher
		supervised	s' top five
		postgraduate	outputs are
		students?	highly cited with >50
			citations
			Citations
			• The
			researcher
			supervised at least 5 or
			more PhD
			candidates
			to
			completion
			· ·
			• The
			researcher
			presents
			high-
			impact
			research
			outputs
			published
			by their
			supervised
			postgradua
			te students
B2	All or the		
	overriding		
	majority of		
	reviewers are		
	firmly convinced		
	that the applicant		
	enjoys		
	considerable		
	international		
	recognition for		
	the high quality		

		B3	and impact of his/her recent research outputs. Most of the reviewers are convinced that the applicant enjoys considerable international recognition for the high quality and impact of his/her recent research outputs.			
d re rs su re pr ty fie ar re d pe	stablishe searche with a stained scent cord of roductivi in the eld who re scognise by their eers as aving: produc ed a body of quality work, the core of which has cohere nce and attests to ongoin g	CI	All of the reviewers are firmly convinced that the applicant is an established researcher as described and who, on the basis of the high quality and impact of his/her recent research is regarded by: Some reviewers as already enjoying considerable international recognition; OR The overriding majority of reviewers as being a scholar who has attained a sound/solid international standing in their field, but not yet considerable	Does the researcher have an average H-index of >10? Are some of the top five outputs published in Q1 journals? Are some researchers' top five outputs highly cited with >20 citations? Does a researcher lead a research group/cluster? Has the researcher supervised at least one or more PhD candidates to completion? Does the researcher present research outputs published by their supervised	•	The researcher has an average H-index of >10 x number of the top five outputs are published in Q1 journals? Some researcher s' top five outputs highly cited with >20 citations The researcher leads a research group/clust er (state the name of cluster) Has the researcher supervised

engage		international	postgraduate	at least one
ment		recognition;	students?	or more
with the	2	OR		PhD candidates
field		The overriding		to
 demon 		majority of		completion
strated		reviewers as		?
the		being a scholar		Does the
ability		whose work		researcher
to		focuses mainly on		presents
concep		local and/or		research
tualise		regional issues		outputs
proble		and who as a		published
ms and		scholar at a		by their
apply		nationally leading		supervised
researc		level has		postgradua
h		substantially		te
metho		advanced		students?
ds to		knowledge and		
investi		understanding in		
gating		the field by		
them.		contributing to		
		new thinking, a		
		new direction		
		and/or a new		
		paradigm. *		
	C2	All of the		
		reviewers are		
		firmly convinced		
		that the applicant		
		is an established		
		researcher as		
		described. The		
		applicant may,		
		but need not,		
		enjoy some		
		international		
		recognition for		
		the quality and		
		impact of his/her		
		recent research		
		outputs.		
	C3	Most of the		
		reviewers concur		
		TEVIEWEIS COILCUI		

that the applicant is an established researcher (as described).	
D Va a Danashari this Danashari	Th
P Young Researchers in this researcher	The researcher
B. cap	presents
i cooking and a said a sa	evidence
(Hormany of the overring in	of serving
younger majority of international	in
tnan 35 reviewers as hoards related	internation
years of having to their field?	al boards
age), who demonstrated the	related to
nave netu potential of	their field
the becoming future	The
doctorate	researcher
or leaders in their serving in	presents
equivalen field on the basis international	evidence
t of exceptional journals as an	of serving
qualificati research associate editor	in
on for less performance and or issue editor?	internation
than five output from their Does the	al journals
years at doctoral and/or researcher	as an
the time early post-	associate editor or
of doctoral research evidence of	issue
applicatio careers. serving in	editor
n and national boards?	The
who, on	researcher
the basis Does the researcher	presents
of present an	evidence
exception exception average H-index	of serving
al of >20?	in national
potential	boards
demonstr Does the	The
research	researcher
present	presents
published evidence of their research that	an average
doctoral was translated	H-index of
work into policy and	>20
and/or practice?	The
Abain	research
their Are the majority	presents evidence

research

outputs in

evidence

research

of their

(at least 3/5) of

the top five

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	their early			outputs	that was
	post-			published in Q1	translated
	doctoral			journals?	into policy
	careers				and
	are			Has the	practice
	considere			researcher	Majority
				supervised at	(at least
	d likely to			least 5 or more	3/5) of the
	become				top five
	future			PhD candidates	•
	internatio			to completion?	outputs
	nal			Does the	published
	leaders in			researcher	in Q1
	their			present high-	journals
	field.			impact research	The
	neid.			·	researcher
				outputs	supervised
				published by	at least 5
				their supervised	or more
				postgraduate	PhD
				students?	candidates
					to
					completio
					n.
					• The
					researcher
					presents
					high-
					impact
					research
					outputs
					published
					by their
					,
					supervised
					postgradua
					te students
Υ	Young	Y1	A young	Does the	• The
	researche		researcher (within	researcher have	researcher
	rs (40		5 years from PhD)	an average H-	has an
	,		who is recognised	index of >5?	average H-
	1		by all reviewers as	Are some of the	index of >5
	younger),		having the	top five outputs	• Some of
	who have		potential	published in Q1	the top five
	held the		(demonstrated by	journals?	outputs
	doctorate	Y2	research	journais!	published
	or		products) to		published
	equivalen		products) to		
L	1	<u> </u>	1		

		11	1. 01
t us	establish	Has the	in Q1
qualificati	him/herself as a	researcher	journals
on for less	researcher with	supervised at	The
than five	some of them	least one or	• The
years at	indicating that	more Masters or PhD candidates	researcher
the time	he/she has the		supervised
of	potential to become a future	to completion?	at least one or
applicatio	leader in his/her	Does the	more of
n, and	field.	researcher	Masters or
who are		present	PhD
recognise	OR	research	candidates
d as	A young researcher	outputs	to
having	(within 5 years	published by	completion
the	from PhD) who is	their supervised postgraduate	• The
potential	recognised by all or	students?	researcher
to	the overriding	Judents;	presents
establish	majority of		research
themselv	reviewers as having the potential to		outputs
	establish		published
es as	him/herself as a		by their
researche	researcher of		supervised
rs within a	considerable		postgradua
five-year	international		te students
period	standing on the		
after	basis of the quality		
evaluatio	and impact of		
n, based	his/her recent		
on their	research outputs.		
performa	A researcher in		
nce and	this group is		
productivi	recognised by all		
ty of	or the overriding		
quality	majority of		
research	reviewers as		
outputs			
during			
their	potential to		
doctoral	establish		
studies	him/herself as a		
and/or	researcher		
early	(demonstrated by		
post-	recent research		
doctoral	products).		
careers.			
	1		

Evaluation form

The evaluation form is available via the link below:

 $\underline{https://docs.google.com/forms/d/13GvcXVgCyRzRrfEp4OYZx9no47xaVm178B4kopSZUDI/edit}$

Scoring and allocation of rating category

A category

A1-(Yes answer to all evaluation questions)

A2- (One no answer and the rest must be yes)

B category

- B1- (Yes answer to all evaluation questions)
- B2- (One no answer and the rest must be yes)
- B3- (Two no answers and the rest must be yes)

C category

- C1- (Yes answer to all evaluation questions)
- C2- (One no answer and the rest must be yes)
- C3- (Two no answers and the rest must be yes)

P category- (All yes answers)

Y category

Y1- (All yes answers)

Y2- (One no answer the rest must be yes)