



UJ has a total of 134 NRF-Rated Researchers as at February 2014

The evaluation and rating of researchers [by the NRF] is based primarily on the quality of the research outputs in the recent past [2002 onwards] and is undertaken by national and international peers/reviewers who are requested to critically scrutinise the completed research.

A-Rated

The NRF defines **A-Rated** researchers as “*Researchers who are unequivocally recognised by their peers as leading international scholars in their field for the high quality and impact of their recent research outputs*”.

#	NAME & TITLE	FACULTY	GOOGLE SCHOLAR	SPECIALISATION & AREAS OF INTEREST
1.	Beukes NJ Prof	Science		Economic geology, Sedimentology, Sedimentary geochemistry, Sequence stratigraphy
2.	Ferreira HC Prof	Engineering	Google Scholar Profile	Communication technologies, Information systems and technologies, Electronic engineering, Applied mathematics, Communication technologies, Information systems and technologies
3.	Harris WF Prof	Health Sciences	Google Scholar Profile	Physics, Biophysics, Vision metrology, Optics, Biostatistics, Biometrics
4.	Henning MA Prof	Science	Google Scholar Profile	Combinatorics, Graph theory
5.	Maina JN Prof	Science	Google Scholar Profile	Respiration
6.	Metz TH Prof	Humanities	Google Scholar Profile	Life, Meaning of, Ethics, Political and legal philosophy

B-Rated

The NRF defines **B-Rated** researchers as “Researchers who enjoy considerable international recognition by their peers for the high quality and impact of their recent research outputs”.

#	NAME & TITLE	FACULTY	GOOGLE SCHOLAR	SPECIALISATION & AREAS OF INTEREST
1.	Amory AM Prof	Education	Google Scholar Profile	E-learning specialist, Educational research, Science education, educational technology, open learning systems, relationship between education, computer games
2.	Bilchitz DI Prof	Law		Human rights law
3.	Burnett-Louw C Prof	Health Sciences	Google Scholar Profile	Sports sociology, Sports - Social aspects, Gender and Sports, Research methodology, Participatory research, Sports - Research, Community based research, Community development, Development sociology, Applied anthropology
4.	Connell B Prof	Science	Google Scholar Profile	Solid state physics, Nuclear physics, Applied physics, Accelerator physics, High energy physics, Advanced materials
5.	Dankelmann PA Prof	Health Sciences	Google Scholar Profile	Graph theory, Combinatorics
6.	Dubery IA Prof	Science	Google Scholar Profile	Plant biochemistry and molecular biology, Analytical biochemistry/ phytochemical analysis
7.	Geldenuys DJ Prof	Humanities		International relations, Foreign policy analysis
8.	Gunner Prof L	Humanities	Google Scholar Profile	Orality-Literacy Studies, African performance, African fiction (English), African languages, Oral literature, Blacks - Religion, Praise poetry, South African literature, Cultural studies
9.	Hamilton LA Prof	Humanities		Political philosophy, Political theory, Social theory, Critical theory, Economic history - Africa, Political economy, Intellectual - History, Historical sociology, Political Philosophy, Political and Economic Theory, South African Politics, History of Political Thought, African political thought, History of ideas
10.	Hearne GR Prof	Science		Experimental condensed matter physics, High pressure research, Materials science
11.	Hendrickx BCEJB Prof	Humanities		Byzantine studies, Byzantino-Africana
12.	Henning E Prof	Education	Google Scholar Profile	Language and literacy, Conceptual change learning, Early childhood education
13.	Hofmann A Prof	Science	Google Scholar Profile	Archaean studies (Geology)

14.	Karataglidis S Prof	Science		Theoretical physics, Nuclear structure, Nuclear reactions, Nuclear astrophysics
15.	Kramers JD Prof	Science	Google Scholar Profile	Isotope geochemistry
16.	Maluleke S Prof	Humanities	Google Scholar Profile	Black theology, Systematic theology, African studies
17.	Marwala T Prof	Engineering	Google Scholar Profile	Evolutionary computation, Intelligent control and signal processing, Artificial intelligence, Neural networks, Artificial intelligence, Finite element methods, Neural networks
18.	Neels JL Prof	Law	Google Scholar Profile	Private international law
19.	Rogerson CM Prof	Management	Google Scholar Profile	Urban tourism development, Local economic development, Small business development, Tourism - Development, Tourism - Impact, Tourism, Urbanisation and tourism
20.	Schmahmann B Prof	Art, Design & Architecture		Art - History - South Africa, History of art, public art, Gender studies, community art projects - needlework, Pop Art
21.	Scott-Macnab D Prof	Humanities	Google Scholar Profile	Medieval Manuscripts, History of the Book, Textual Editing, Historical linguistics, English literature - Middle English, 1100-1500, Medieval studies, Literature, Medieval
22.	Sonnekus JC Prof	Law		Private law, Property law, Law of Estoppel, Unjustified Enrichment, Matrimonial property law, Law of succession
23.	Steeb WH Prof	Science	Google Scholar Profile	Mathematical Tools in Computer Graphics, Mathematical Tools in Signal Processing, Lie Groups Lie Algebras and Computer Algebra, Mathematical physics
24.	Strydom AM Prof	Science		Strongly correlated electron systems, Magnetism, Electrical/magnetic measurements, Magnetic properties of matter, Electronic properties/solids, Low temperature physics
25.	Vale PCJ Prof	Humanities		International studies, Social theory, International relations
26.	Van Reenen DD Prof	Science	Google Scholar Profile	Metamorphic petrology, Structural geology, Tectonics
27.	Van Wyk B-E Prof	Science	Google Scholar Profile	Ethnobotany, Medicinal plant chemistry, Taxonomy, Biodiversity, Medicinal plants, Biosystematics
28.	Von Solms SH Prof	Science	Google Scholar Profile	Information security

C-Rated

The NRF defines **C-Rated** researchers as “Established researchers with a sustained recent record of productivity in the field who are recognised by their peers as having:

- produced a body of quality work, the core of which has coherence and attests to on-going engagement with the field;
- demonstrated the ability to conceptualise problems and apply research methods to investigating them”.

#	NAME & TITLE	FACULTY	GOOGLE SCHOLAR	SPECIALISATION & AREAS OF INTEREST
1.	Abrahamse H Prof	Health Sciences	Google Scholar Profile	Photodynamic therapy, Wound healing, Laser therapy
2.	Ahmed FE Prof	Science		Land use, Precision forestry, Vegetation mapping, Applied environmental science, Remote sensing, Forests and forestry, GIS, Geoinformatics, Spatial statistics
3.	Annegarn HJ Prof	Science	Google Scholar Profile	Atmospheric environment, Renewable energy, Environmental management
4.	Avenant-Oldewage A Prof	Science	Google Scholar Profile	Fish Parasitology, Water Quality, Fish parasitic monogenea, Water metal pollution, Crustacean ecology, Crustacean morphology
5.	Bauer M Prof	Engineering		Control engineering, Automation and control, Advanced process control, Optimisation, Process control
6.	Berman KS Prof	Art, Design & Architecture		Visual Art, Community Engagement, Cultural studies
7.	Beukes SM Prof	Humanities	Google Scholar Profile	Politics of language, Applied linguistics, Language policy and planning, Translation studies, Sociolinguistics
8.	Britz RM Dr	Science		Functional analysis, Banach algebras, Spectral theory, Operator algebras, Operator theory, Functional Analysis
9.	Cairncross B Prof	Science	Google Scholar Profile	Coal sedimentology, Sedimentology, Mineralogy, Science education
10.	Cassim FHI Prof	Law	Google Scholar Profile	Corporate law, Commercial law, Cheques, Enrichment law, Insolvency law
11.	Cloete GS Prof	Humanities	Google Scholar Profile	Governance, Public policy analysis, Decision support systems, Conflict resolution, public administration, Transformation management, Public management

12.	Coetzee M Prof	Science	Google Scholar Profile	Wireless communication, World-Wide Web services, Information security, Network security
13.	Collins KJ Prof	Humanities		Participatory research, Action research, Social services
14.	Conradie CJ Prof	Humanities		Afrikaans and Dutch grammar, Historical linguistics
15.	Darkwa J Prof	Science	Google Scholar Profile	Organometallic Chemistry, Organometallic chemistry, Homogeneous catalysis, Polymers, Coordination chemistry
16.	De Bruin GP Prof	Management	Google Scholar Profile	Psychometrics, Cross cultural psychology, Personality, Career psychology, Psychometrics, Job stress, Cross-cultural assessment, Personality psychology
17.	Doyle BP Dr	Science		Surface physics, Electron spectroscopy, Synchrotron X-rays, Electronic structure
18.	Dutton MF Prof	Health Sciences	Google Scholar Profile	Mycotoxins, Mycology, Environmental health, Food technology
19.	Ehlers EM Prof	Science	Google Scholar Profile	Artificial intelligence, Intelligent systems, Software engineering, Automata, Formal languages, Image processing
20.	Erlank N Prof	Humanities		Urban history (Johannesburg), gender, Christianity - South Africa, Gender and history, Colonialism - Africa, Historiography, Historical memory, Christianity - History
21.	Frenkel RN Prof	Humanities	Google Scholar Profile	Gender studies, post-colonial studies, Indian diaspora, South African literary and cultural studies
22.	Freschi F Prof	Art, Design & Architecture		Architecture - History, Art - History - South Africa, Post-apartheid South Africa, Political parties - South Africa
23.	Gillan WDH Prof	Health Sciences	Google Scholar Profile	Contact lenses
24.	Henderson WJ Prof	Humanities	Google Scholar Profile	Greek and Latin Lyric Poetry
25.	Hendrickx T Prof	Humanities		Nationalism - Greek, Byzantine studies, Frankokratia - Byzantium, Greek literature, Modern Greek
26.	Janse van Vuren JH Prof	Science	Google Scholar Profile	Fish haematology, Ecophysiology, Ecotoxicology, Biomarkers, Ecophysiology, Ecotoxicology
27.	Jonck E Prof	Science		Graph theory
28.	Kabundi A Prof	Economics	Google Scholar Profile	Applied econometrics, Monetary economics, International Macroeconomics, Factor analysis, Neural networks
29.	Knight ZGK Prof	Humanities	Google Scholar Profile	Psychoanalysis, Object relations, Psychotherapy

30.	Kotze NJ Prof	Science	Google Scholar Profile	Urban Geography
31.	Labuschagne CCA Prof	Science		Functional analysis
32.	Landsberg C Prof	Humanities		Diplomacy, Foreign policy analysis
33.	Leibowitz BL Prof	Education		Higher education - Learning facilitation
34.	Lombard M Prof	Humanities	Google Scholar Profile	Human evolution, Cognition and culture, Microscopy, Archaeology - Stone Age
35.	Mackenzie CH Prof	Humanities	Google Scholar Profile	South African literature
36.	Mallick K Dr	Science	Google Scholar Profile	Polymer composites, Nanomaterials, Nanobiotechnology, Organic chemistry (Synthesis), Catalysis, Conductive polymer nanocomposites, Material science,, Nanoscience,, Condensed matter physics
37.	Mamba BB Prof	Science	Google Scholar Profile	Nanomaterials, Science and technology, Water pollution, Organometallic synthesis, Engineering
38.	Mbohwa C Prof	Engineering	Google Scholar Profile	Energy production, Climate change - Adaptation, Climate change mitigation, Energy efficiency, Energy systems, Renewable energy, Sustainable life cycle management, Life Cycle Assessment, Life cycle engineering
39.	Meijboom R Prof	Science	Google Scholar Profile	Coordination chemistry, Organometallic chemistry, Crystallography (X-ray), Homogeneous catalysis, Heterogeneous catalysis, Operando spectroscopy
40.	Mestry R Prof	Education	Google Scholar Profile	Education Law, Human Resource Management, Education leadership and management, Financial management
41.	Mishra S Dr	Science		Nanotechnology
42.	Motala S Prof	Education	Google Scholar Profile	Schools - Finance, Quality of education
43.	Mouri H Prof	Science		Metamorphic petrology, Mineralogy, Medical geology
44.	Msagati TAM Dr	Science		Chromatographic analysis, Environmental analysis, Separations/mass spectrometry, Mass spectrometry
45.	Mulaba-Bafubiandi AF Prof	Engineering	Google Scholar Profile	Materials science, Energy, Material science and technology, Physics, Minerals processing, Microwave energy, Minerals, Minerals beneficiation
46.	Myburgh CPH Prof	Education	Google Scholar Profile	Mental health promotion, Psycho-educational programme development, Psychology of education

47.	Ngila JC Prof	Science	Google Scholar Profile	Environmental/analytical chemist, Electroanalytical chemistry, Analytical polymer science, Environmental analysis, Electroanalytical, Analytical chemistry, Environmental analysis, Adsorption Chemistry, Wood science, Soil and water sciences
48.	Olivier L Prof	Economics	Google Scholar Profile	Income Tax Law
49.	Osman AOS Prof	Art, Design & Architecture		Architecture, Housing, Open building principles
50.	Ouahada K Dr	Engineering	Google Scholar Profile	Error correction coding, Forward error correction, Information theory, Power line communication, Graph theory, Modulation and coding, Spectral analysis, Channel coding, Digital signal processing
51.	Patel L Prof	Humanities	Google Scholar Profile	Social work, Social work research, Social development, Social policy, Social security, Social welfare, Social policy
52.	Perumal JC Prof	Education	Google Scholar Profile	Curriculum, Curriculum management, Education management
53.	Pillay J Prof	Education		Educational psychology, Community psychology, Life Orientation
54.	Poggenpoel M Prof	Health Sciences	Google Scholar Profile	Psychiatric nursing, Mental health promotion, Psycho-educational programme development, Mental health, Substance abuse, Research at Postgraduate level in the field of education, Psychology and Psychiatric Nursing
55.	Pretorius HG Prof	Psychology	Google Scholar Profile	Gender-based violence, Intimate partner violence, Ethics, Family violence
56.	Prinsloo ARE Prof	Science	Google Scholar Profile	Magnetism, Solid state physics, Thin films
57.	Raubenheimer H Prof	Science	Google Scholar Profile	Functional analysis, Spectral theory of Banach algebras, Banach algebras
58.	Razzaque S Prof	Science	Google Scholar Profile	Astroparticle physics, High energy astrophysics
59.	Roodt G Prof	Management	Google Scholar Profile	Organisational behaviour, Research methodology, Psychological assessment, Organisational development
60.	Rubin A Prof	Health Sciences	Google Scholar Profile	Computer software development, Vision science
61.	Scherzinger KI Prof	Humanities	Google Scholar Profile	Contemporary novel, American literature, Text editing, Trauma theory and narratives, Henry James, Narratology

62.	Smit CA Prof	Science		Tectonics
63.	Strydom AM Prof	Science		Strongly correlated electron systems, Magnetism, Electrical/magnetic measurements, Magnetic properties of matter, Electronic properties/solids, Low temperature physics
64.	Thomas A Prof	Management	Google Scholar Profile	Governance, Business ethics, Corporate social investment
65.	Tilney PM Prof	Science	Google Scholar Profile	Plant anatomy
66.	Uys JM Prof	Humanities	Google Scholar Profile	Higher education - Identity, Social psychology - Intergroup relations and prejudices, Whistleblowing
67.	Van der Bank FHI Prof	Science		Population genetics
68.	Van der Bank M Prof	Science	Google Scholar Profile	Molecular systematics, Population genetics
69.	Van Vuuren (Jansen) B Prof	Science	Google Scholar Profile	Phylogeography, Spatial and temporal patterns and processes of biotic diversity across different hierarchical levels from the gene to the ecosystem, Biological invasions, Molecular ecology
70.	Verhoef G Prof	Economics	Google Scholar Profile	Accounting History, Economic history, Business History
71.	Viljoen KS Prof	Science	Google Scholar Profile	Economic geology
72.	Wagenaar (Pieterse) GM Dr	Science		Fish histology, Ecotoxicology, Physiology, Spermatology, Aquatic health
73.	Watney MM Prof	Law	Google Scholar Profile	Criminal Law, Law of Evidence, Cyber Law, Law of Criminal Procedure

L-Rated

The NRF defines **L-Rated** researchers as *“Persons (normally younger than 55 years) who were previously established as researchers or who previously demonstrated potential through their own research products, and who are considered capable of fully establishing or re-establishing themselves as researchers within a five-year period after evaluation. Candidates should be South African citizens or foreign nationals who have been resident in South Africa for five years during which time they have been unable for practical reasons to realise their potential as researchers.*

Candidates who are eligible in this category include:

- *black researchers;*
- *female researchers;*
- *those employed in a higher education institution that lacked a research environment;*
- *those who were previously established as researchers and have returned to a research environment”.*

#	NAME & TITLE	FACULTY	GOOGLE SCHOLAR	SPECIALISATION & AREAS OF INTEREST
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P-Rated

The NRF defines **P-Rated** researchers as “Young researchers (normally younger than 35 years of age), who have held the doctorate or equivalent qualification for less than five years at the time of application and who, on the basis of exceptional potential demonstrated in their published doctoral work and/or their research outputs in their early post-doctoral careers are considered likely to become future leaders in their field”.

#	NAME & TITLE	FACULTY	GOOGLE SCHOLAR	SPECIALISATION & AREAS OF INTEREST
1	Broadbent AB Dr	Humanities	Google Scholar Profile	Philosophy of science, Metaphysics, Jurisprudence

Y-Rated

The NRF defines **Y-Rated** researchers as “Young researchers (normally younger than 35 years of age), who have held the doctorate or equivalent qualification for less than five years at the time of application, and who are recognised as having the potential to establish themselves as researchers within a five-year period after evaluation, based on their performance and productivity as researchers during their doctoral studies and/or early post-doctoral careers”.

#	NAME & TITLE	FACULTY	GOOGLE SCHOLAR	SPECIALISATION & AREAS OF INTEREST
1.	Akinlabi ET Dr	Engineering	Google Scholar Profile	Material science and technology, Laser materials processing, Friction stir welding
2.	Arotiba OA Dr	Science	Google Scholar Profile	Electrochemistry, Physical Chemistry
3.	Barnes B Prof	Humanities	Google Scholar Profile	Behaviour modification, Critical psychology, Public health psychology
4.	Carleschi E Dr	Science		Electronic structure, Electron spectroscopy, Surface science, Strongly correlated electron systems, Synchrotron X-rays, Transition metal oxides
5.	Conradie WE Dr	Science	Google Scholar Profile	Modal logic, Logic, Symbolic and mathematical, Logic and Computation
6.	De Kock MO Dr	Science	Google Scholar Profile	Precambrian geology, Paleomagnetism, Stratigraphy
7.	Groenewald GJ Dr	Humanities	Google Scholar Profile	Entrepreneurship, Business History, History - Dutch East India Company, Indian Ocean - History, Books - History, Urban history - South Africa, History - Cape of Good Hope - 18th Century, Slavery - South Africa, Gender and Family History, Social stratification
8.	Hill C Dr	Management		Personality, Personality assessment, Cross-cultural assessment, Cross-cultural psychology, Psychometrics, Work wellness - South Africa
9.	Hourelid NN Dr	Health Sciences	Google Scholar Profile	Laser in biology, Laser therapy, Laser tissue interaction
10.	Jalama K Dr	Science		Heterogeneous catalysis, Fischer-Tropsch synthesis, Biofuels, Nanomaterials, Process simulation
11.	Joubert EJJ Dr	Science		Graph theory

12.	Mhlanga SD Dr	Science		Inorganic Chemistry, Nanotechnology and Materials Science, Water Purification, Green Chemistry, Polymer composites, Water treatment, Renewable energy, Nanotechnology, Nanostructured materials, Carbon nanomaterials, Membrane technology
13.	Millard D Prof	Law		Law of delictual damages, Social security (Law), Insurance law
14.	Mishra AK Prof	Science	Google Scholar Profile	Nanomaterials, Conductive polymer nanocomposites, Polymer nanocomposites, Water pollution, Composite materials, Carbon nanomaterials, Coordination chemistry, Bioinorganic chemistry
15.	Mpedi LG Prof	Law	Google Scholar Profile	Social Security and Labour Law
16.	Muller AJ Dr	Science	Google Scholar Profile	Kinetics/reaction mechanisms, Computational chemistry, Crystallography (X-ray)
17.	Nelwamondo FV Prof	Engineering		Water demand - Modelling, Regression analysis, Nonlinear time series analysis, Statistical pattern recognition, Computational modelling, Numerical modelling, Image processing, Classification
18.	Njenga KN Dr	Science	Google Scholar Profile	Information systems - Audit and control, Information security, Information security governance
19.	Ntuli F Dr	Science	Google Scholar Profile	Hydrometallurgy, Crystallisation, Precipitation, Wastewater treatment, Particulate systems, Leaching
20.	Shaw BS Prof	Health Sciences		Exercise - Health, Health promotion and disease prevention, Health behaviour
21.	Sitha S Dr	Science	Google Scholar Profile	Computational chemistry, Computational biology, Computational modelling, Quantum chemistry, Quantum electronics, Theoretical chemistry, Theoretical biochemistry, Physical organic chemistry, Physical chemistry
22.	Swart TG Dr	Engineering	Google Scholar Profile	Information theory, Power line communication, Error correction coding
23.	Thwala WD Dr	Engineering	Google Scholar Profile	Sustainable construction, Construction site - Management, Construction industry - Competition, Labour intensive construction techniques, Knowledge construction, Construction - Project management, Construction - Education and training, Construction industry - Safety measures, Construction industry, Construction economics

24.	Ukpere WI Prof	Management	Google Scholar Profile	Management - Employee participation, Small business - Management, Business management, Change management, Conflict management, Development management, Management, Stress management, Marketing management, Management science
25.	Van Dyk JC Dr	Science		Aquatic health, Fish histology
26.	Venter E Dr	Science		Molecular plant pathology, Plant molecular biology, Plant-insect interactions, Host-plant resistance