WELCOME TO THE UJ CSIR INFORMATION SHARING SESSION

01 August 2023, 11:00 – 13:00

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Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA

CSIR
Touching lives through innovation

CSIR GRADUATE DEVELOPMENT OFFICE INFORMATION SHARING SESSION

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CSIR mandate

CSIR MANDATE

"The objects of the CSIR are, through **directed** and **particularly multidisciplinary research** and **technological innovation**, to foster, in the **national interest** and in fields which in its opinion should receive preference, **industrial** and **scientific development**, either by itself or in **co-operation with principals** from the **private** or **public sectors**, and thereby to contribute to the **improvement of the quality of life** of the people of the Republic, and to perform any other functions that may be assigned to the CSIR by or under this Act."

(Scientific Research Council Act, 1988 (Act 46 of 1988, amended by Act 27 of 2014)

Build and transform human capital

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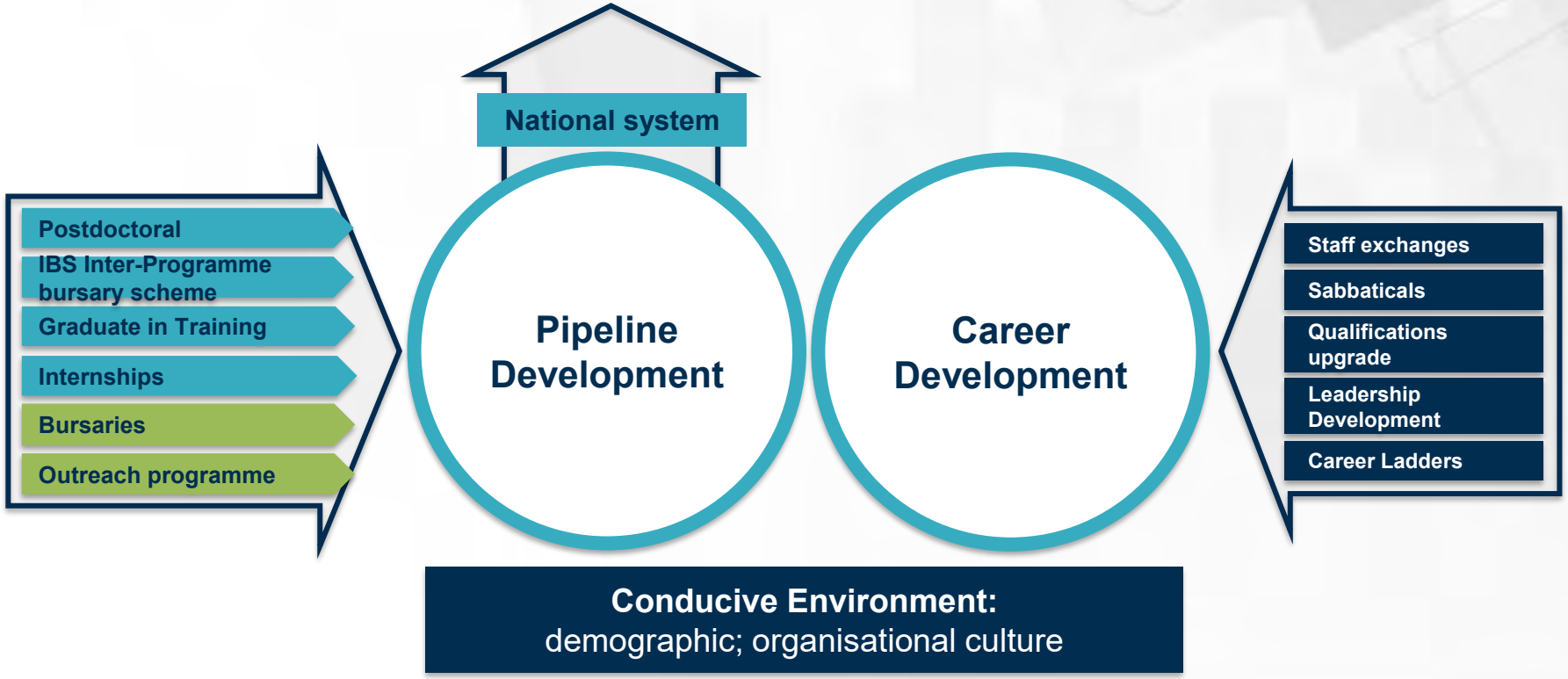
Human capital development

Develop a **substantive pool** of appropriately qualified individuals to conduct R&D

Achieve **quality researcher profile** consistent with a world-class R&D organization

Implement interventions that makes for a **responsive and agile CSIR**, which is key role player in the national system of innovation.

CSIR Human Capital Development



Inter-Programme Bursary Scheme (IBS)

- The IBS commenced in 2016 at the CSIR to build high end skills
- Objective of the programme is to support capacity development in key strategic areas identified by DSI

Thematic Areas

- Aerospace
- Bio-catalysis
- Biopharming
- Bioprocessing
- Composites
- Health
- ICT
- Indigenous Knowledge Systems (IKS)
- Microsystems Technology
- Mining
- Modelling and Digital Sciences
- Titanium (Manufacturing Elements)
- Photonics

Ministerial Guidelines

Target	% Value
South Africans	95
SADC	5
Non-African	
Rest of Africa	
Students with Disability	1
Black RSA (African, Coloured and Indian)	90
Females	55

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Eligibility Criteria

- All unemployed students **(including International students)** accepted for or registered for **full-time** studies at any South African public university.
- Students who intend to register or are registered for the following:
  - Honours/4th Year Engineering/Postgraduate Diploma
  - Masters
  - Doctoral
- Academic performance (minimum average of 65%)
- Previous NSFAS recipient
- Age restriction

Study Level	Honours	Masters	Doctoral
Maximum age at application	28 years	30 years	32 years
Number of years to completion	1	2	3
Anticipated maximum age at completion	29 years	32 years	35 years

2024 Call for applications

- Call currently out and closes on Wednsday, 30 August 2023
- Application link, https://csir.auraams.app/

Student Support

- Financial, including extension funding for an extra year (with very strong motivation)

Level of Study	Funding Amount	Once-off Laptop Allowance
Honours Level	R100,000	R10,000
Masters Level	R120,000	R10,000
Doctoral Level	R140,000	R10,000

- Value adding activities
  - Travel grant
  - High level conference attendance
  - Vacation work/ Experiential learning (where possible)
  - Thesis and printing cost funding
  - Experimental costs
- Full wrap around support
  - induction
  - 1 on 1 meetings
  - group sessions
  - MILA System
  - Counselling services by ICAS
- Training - Research skills workshop (hosted bi-annually)

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CSIR Bursary Programme

Strategic Intent

Building a pool of graduates for the CSIR, studying STEM qualifications

The CSIR bursary programme supports full-time, unemployed students in obtaining qualifications in areas that are deemed a priority by the CSIR

Drive towards increasing women and persons with disabilities

Programme Obligations

Maintain good academic performance

Vacation work (6 weeks p/a from 2nd year)

Work for the CSIR for the number of years funded

Eligibility Criteria

- Only **STEM degrees** are funded
- **Only South African** learners and students
- Must register or intend to register at a **traditional South African public university**
- **Merit based** - academic performance
  - Grade 12 (Level 6 in Maths and Physics and Level 5 in English)
  - Minimum average of 65% for university students, must have never failed a module
- Alignment to CSIR projects (M and D)

2024 Call for applications

- Call currently out and closes on Sunday, 20 August 2023
- Application link, https://csir.auraams.app/

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Student Support

- Financial, continuation dependent on performance

For undergraduates – Honours

- Registration fees
- Tuition fees
- Accommodation and meals
- Living Allowances
- Book allowance
- Once off laptop allowance

For Masters and Doctoral

- Registration fees
- Tuition fees

Level of study	Funding	Once off Laptop
Masters	120000	10000
Doctoral	150000	10000

- Full wrap around support
  - Induction
  - Transitional programmes
  - Buddy programme
  - 1:1 meetings
  - Group meetings
  - Counselling
- Vacation work
- Funding for MSc and Doctoral

Studentship Programme

- Studentship programme allows students to get qualification based on research conducted at the CSIR

- Re-focus
  - Re-instated in 2022
  - Scarce skills

- Eligibility
  - BSc Honours, BEng Honours, MSc or MEng graduates studying full-time at tertiary education

- Support includes:

  Financial
  - Monthly stipend;
  - Registration and tuition fees;
  - Formal training (short courses); and
  - Opportunity to present your work at conferences.

  Non-financial
  - Mentorship; and
  - Exposure to real life projects that address socio-economic challenges.

Advertised on an ongoing basis on our website, www.csir.co.za.

Internship Programme

- Experiential training based on research conducted at the CSIR
- 12 – 24 month programme

- Eligibility
  - BSc, B Eng, Postgraduate Diploma, BSc Honours, BEng Honours, MSc or MEng graduates

- Support includes:
  - Induction
  - Monthly salary
  - Training

Advertised on an ongoing basis on our website, www.csir.co.za.

Thank you!

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