



**PURDUE**  
UNIVERSITY®



## **What? Graduate Program Session on Biotechnology Innovation & Regulatory Science**

**When? 11<sup>th</sup> – 22<sup>nd</sup> March, 2019**

**Where? NM-AIST**

The Nelson Mandela African Institution of Science and Technology (NM-AIST), the Africa Centre for Research, Agricultural Advancement Teaching Excellence and Sustainability (CREATES) in collaboration with Purdue Biotechnology Innovation and Regulatory Science (BIRS) Center of the United States of America will be hosting the Graduate Program Session on Biotechnology Innovation and Regulatory Science at the NM-AIST from 11<sup>th</sup> – 22<sup>nd</sup> March 2019.

### **Week One: March 11 - 15, 2019**

The session will broadly focus on innovations in biotechnology that are driving the present product development environment from both a pharmaceutical product and device perspective. This training fits well with prospective candidates from Nelson Mandela. Our goal is to have interactive sessions where students can learn about the present state of science in these areas with a goal of understanding the foundations for the products that they will likely be developing and evaluating in their regions in the near future.

### **Week Two: March 18 - 22, 2019**

On this week the focus will be on Good Regulatory Practices, network mapping with systems thinking, project development and evaluation. Here too, the goal is to have interactive sessions where students can apply the theory covered in the Good Regulatory Practices modules to case studies which reflect real life applications of Good Regulatory Practice principles, including systems mapping of pharmaceutical manufacturing to identify gaps. This week will also include lectures on professional development (in the GXP and quality culture context) to enable sound pharmaceutical decisions.

We anticipate approximately 70 student participants, in both post-graduate certificate and MS programs. 50 will be from the region including Tanzania, however up to 20 will be allocated to NM-AIST.

Courses will be led by expert faculty from Purdue and regulatory leaders from global organizations. In addition, we will have **approximately 20 adjunct faculty and guest speakers** from academic and regulatory and industry professional organizations.

The upcoming session will include guest speakers and adjunct faculty in global leadership positions from both regional professional quality medicine organizations in Tanzania and Uganda, as well as regulatory and industry leaders from global pharmaceutical and regulatory organizations, such as Merck, Cook Medical and FDA.

With the gracious support of the Bill and Melinda Gates Foundation, **BIRS program** is continuing its efforts to educate African pharmaceutical scientists in modern technologies and building regulatory capacity needed to achieve these goals. The program gives professionals with a background in pharmacy, chemistry or related sciences the opportunity to specialize in Biotechnology Innovation and Regulatory Science with applications to the field of Industrial Pharmacy.

This Workshop will be attended by local and international students, faculty and experts from Tanzania, Kenya, Uganda, South Africa, Zimbabwe and Nigeria.

For those who are interested to attend, kindly fill the attached form and send it back to [createspostgrad@nm-aist.ac.tz](mailto:createspostgrad@nm-aist.ac.tz) before 1<sup>th</sup> March, 2019.

***We urge the NM-AIST to take advantage of this great opportunity and register early!!!***

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**The Nelson Mandela African Institution of Science and Technology (NM-AIST)**  
**Registration form**  
**Graduate Program Session on Biotechnology Innovation & Regulatory Science 11<sup>th</sup> –**  
**22<sup>nd</sup> March, 2019**

<b>Name</b>	<b>Prof/Dr/Mr/Mrs</b>	
<b>Designation</b>		
<b>Specialty and candidate background</b> ( ½ a page)		
<b>Motivation for attending</b> ( ½ a page)		
<b>Please tick (✓) your preferred week of attendance</b>	<b>11<sup>th</sup> - 15<sup>th</sup> March, 2019</b>	<b>18<sup>th</sup> - 22<sup>nd</sup> March, 2019</b>
<b>E-mail</b>		
<b>Mobile No.</b>		
<b>For Students</b>	<b>Year of joining the NM-AIST:</b>	
	<b>NM-AIST Registration Number:</b>	