# A Transformational Africa-US STEM University Partnership: A Workshop

## Session 1: Learning from a decade of African initiatives in STEM partnerships

**Venue:** Virtual (10 AM to 1 PM EDT/ 2- 5 PM GMT)
**Date and Time:** Monday, March 14, 2022

### Session Introduction (10:00 am EDT)
- Anne Petersen, co-chair of workshop and Chair, Policy and Global Affairs Committee, NASEM
- **Welcome:** Vaughan Turekian, ED, Policy and Global Affairs Division, NASEM
- **Presentation to the plenary** Speaker: Sajitha Bashir, co-chair of workshop

### Panel 1 - Partnerships in STEM research: Lessons from the past (10:15am EDT)
- **Moderator** – Eric Garfunkel, Vice Pres. for Global Affairs, Rutgers University
- **Panelist** – Barnabas Nawangwe, Vice Chancellor, Makerere Univ.
- **Panelist** – M. Hicham Fenniri, Mohamed VI Polytechnic Univ.
- **Panelist** – Nelson Torto, Permanent Secretary, Ministry of Tertiary Education, Research, Science and Technology, Govt. of Botswana
- **Panelist - Ms. Jackie Kado**, Executive Director, Network of African Science Academies (NASAC)
- Discussion and summary

### Keynote address (11:25am EDT) : Robert Jones, Chancellor, Univ. Illinois at Urbana-Champaign

### Panel 2 - Partnerships in undergraduate and graduate STEM education: Lessons from the past (11:45am EDT)
- **Moderator** – Reitu Mabokela, Vice-Provost for International Affairs, Univ. of Illinois at Urbana-Champaign
- **Panelist - Joel Ogbonna**, Dean & ACE-CEFOR Leader, Univ. of Port Harcourt
- **Panelist - Lola Eniola-Adefeso**, Associate Dean for Graduate and Professional Education, Univ. of Michigan
- **Panelist – Jeremy Coats**, Institute for International Education
- **Panelist - Elsie Kaufmann**, Associate Professor, Univ. of Ghana
- Discussion and summary
### Session 2: Strategic Areas for High Impact STEM Collaboration

**Venue:** Virtual (10 AM to 1 PM EDT/ 2- 5 PM GMT)  
**Date and Time:** Tuesday, March 15, 2022

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<td>● Nkem Khumbah, STEM Africa Initiative, Univ. of Michigan</td>
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<td>● Speaker - Prabhas Moghe, Exec. VP Acad Affairs, Rutgers University</td>
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<th>Panel 1 - Building African research universities for excellence in STEM (10:15am EDT)</th>
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<tr>
<td>o Panelist – Boutheina Guermazi, Director, Regional Integration for Africa/MENA, World Bank</td>
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<td>o Panelist – Mamokgethi Phakeng, Vice Chancellor, Univ. of Cape Town</td>
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<td>o Panelist - Hulda Swai, Professor and ACE-CREATES Leader, NM-AIST</td>
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<td>o Panelist - Charles Ichoku, Professor, Howard Univ. and Dist. Scientist, NCAS-M</td>
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**Break (11:35am EDT)**

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<th>Panel 2 - Supporting STEM programs through partnerships (11:40am EDT)</th>
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<td>o Moderator – Sossina Haile, Professor, Northwestern University</td>
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<td>o Panelist – Kwabena Biritwum Nyarko, Vice Dean, Civil and Geo Eng., KNUST</td>
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<td>o Panelist – Charles Awono, Professor and Rector, Universite Des Montagnes, Bangante, Cameroon</td>
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<td>o Panelist - Andrew Gerard, Lead, PEER Program, USAID</td>
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# Session 3: Towards a New US-Africa STEM Initiative

**Venue:** Virtual (10 AM to 1:00 PM EDT/ 2- 5 PM GMT)  
**Date and Time:** Wednesday, March 16, 2022

## Session Introduction (10:00am EDT)
- **Introduction to session and the proposed new initiative**  
  Speaker: Brian Arbic, STEM Africa Initiative, Univ. of Michigan  
- **Summary of Session 1 and 2 + key takeaways**  
  Sajitha Bashir, co-chair of Workshop

## Keynote address (10:20am EDT): Darryll Pines, President, Univ. of Maryland

## Panel 1 (10:40am EDT)
- **Moderator –** John Hildebrand, Professor, Univ. of Arizona, and International Secretary, NAS  
- **Panelist -** Valentine Uwamariya, Hon. Minister of Education, Govt. of Rwanda, and Chair, PASET Governing Council  
- **Panelist -** Fred Matiang’i, Cabinet Secretary, Coordination of National Government, Government of Kenya  
- **Panelist -** Rebecca Keiser, Chief of Research Security Strategy and Policy, NSF  
- **Panelist -** Felix Dakora, President, African Academy of Sciences  
- **Panel Discussion**

## Break (11:35am EDT)

## Panel 2 (11:40am EDT)
- **Moderator -** Dalal Najib, Director, Science & Engineering Capacity Development, NASEM  
- **Panelist -** Mustafa Terrab, Chairman/CEO, OCP, Morocco  
- **Panelist -** Geri Richmond, Under Secretary of Science and Energy, Department of Energy  
- **Panelist -** Ticora Jones, Chief Scientist, USAID  
- **Panelist -** Panelist - Kevin Urama, Acting Chief Economist & Vice President, and Senior Director of the African Development Institute, African Development Bank  
- **Panel Discussion**

## Summary and Next Steps (12:45pm EDT)
- **Nkem Khumbah, STEM Africa Initiative, Univ. of Michigan**