

CREATIVIY MONTH

PROPOSAL FOR SIYABULELA XUZA

AS ASK ME ANYTIME (AMA) ON BAOBAB

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INTRODUCTION

The goal of this Ask Me Anything (AMA) session is to equip scholars with the ability to think creatively. As with all other AMA sessions, this one will be aimed at empowering young scholars with the courage to take on any field of their interest. I am glad to introduce Mr. Siyabulela Xuza, a South African and one of Africa's most prominent engineers. Siyabulela is also an innovator and a staunch advocate for creativity in science and technology. Hence, I strongly recommend him for the AMA session of creativity month because his diverse experience in science, business, technology, space engineering and entrepreneurship provides a good start point to conduct a discussion about the applications of creativity.

WHY SIYABULELA XUZA?

- He has mentored over diverse panels and has ready solutions to student's FAQ's. He is very committed in answering questions from the most of his experience, and his presentation style at business conferences and science fairs is very energetic and full of best practices from his careers.
- He was once a scholar at Harvard Graduate School and is in the best position to share the similar scholar experiences, including failures and successes which will diagnose situations and navigate the way forward to success for scholars on the platform.
- His creative approach to generating rocket fuel and solar cells, and creating a startup out of his idea, gives him the confidence to explain the concepts behind his unlocking opportunities in Africa.

- He can bring his unique perspective on technical and non-technical subjects areas. He has a mastery in engineering and entrepreneurship that makes him the perfect match for an AMA of creativity month because he blends the two to communicate and transmit the appropriate information.
- His idea of taking part in the African revolution, is in line with MasterCard's vision.

HIS EDUCATIONAL BACKGROUND:

As a pupil, Siyabulela Xuza schooled at the St. Johns College. He obtained his first degree in Chemical engineering at Cape Town University and his works on science project for rocket fuel gained him a scholarship to pursue graduate studies at Harvard University. In 2008, he worked at MIT Lincoln Laboratory to discover a small planet near the Jupiter asteroid belt.

(See Appendix A)

PROFESSIONAL BIOGRAPHY:

Siyabulela Xuza is a rocket scientist, educator, innovator, engineer and entrepreneur. At a young age of 29, he is the founder of Galactic Energy Venture, an enterprise that is contributing immensely to solving the energy needs of the South Africa. (See Appendix 3)

AWARDS

- A gold medalist for
 1. Best of Category award and a First award at St. John College, Johannesburg – South Africa. (See Appendix 1.1)
 2. National Science Expo
 3. Dr Derek Gray Memorial award
 4. 2006 Eskom National Science. (See appendix 1.2)
- He has been named after a small planet, Planet 23182 - Siyaxuza by NASA after his hardwork in Lincoln Laboratory. (See Appendix 1.3)
- He won two grand awards in the 2007 Intel International Science & Engineering Fair in the US.
- He has gained recognition as one of the world's emerging leader by the New York Exchange, and he is a member of the Africa 2.0 Energy advisory council. (See Appendix 1.4)
- 2014 Audi brand ambassador. (See Appendix 1.4)

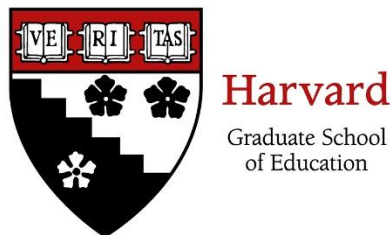
CONFERENCE AND SPEECHES

He has been invited to speak at functions such as:

- Citadel Inspiration Indaba 2014
- Awakening Conference 2014
- Innovation and Africa competitiveness 2015

- Stanbic IBTC 2015 series
- Interview with US television network CBS
- Commencement speech in 2014 April Graduations at the University of the Free State

(See appendix 2)



APPENDIX

Appendix A

http://www.engineeringnews.co.za/article/sa-born-harvard-grad-returns-home-to-personalise-energy-2014-01-17/rep_id:4136

<http://www.simodisa.org/who-is-siya-xuza/>

Appendix 1

- 1.1 <http://www.southafrica-newyork.net/consulate/siyabulela.html>
- 1.2 <http://www.southafrica-newyork.net/consulate/siyabulela.html>
- 1.3 <http://www.thejournalist.org.za/kau-kauru/siya-xuza-mthatas-rocket-scientist>
- 1.4 <http://www.leadershiponline.co.za/articles/siyabulela-xusa-10414.html>
<https://www.news24.com/MyNews24/The-amazing-journey-of-Siyabulela-Xuza-20150301>
<http://gq.co.za/2014/09/man-moment-siyabulela-xuza/>

Appendix 2

- <https://www.youtube.com/watch?v=UR5O7AKva9A&t=29s>
https://www.youtube.com/watch?v=0Sg7V_z-zYk&t=186s
https://www.youtube.com/watch?v=jKXrV_SKwGQ&t=81s
<https://www.youtube.com/watch?v=33fCIo8GT4A>
<https://www.youtube.com/watch?v=mavgl43A63I>
<https://www.youtube.com/watch?v=gSUfv42hS5Y&t=23s>
<https://www.youtube.com/watch?v=88Ds-lf5ulM>

Appendix 3.

- <http://whoswho.co.za/siyabulela-xusa-423616>