

# Biomedical Engineering for Africa

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# List of Contributors

## *Editor*

**Douglas, Tania S.** Division of Biomedical Engineering, University of Cape Town, South Africa

## *Editorial Committee*

**Coker, Akinwale O.** Department of Civil Engineering, University of Ibadan, Nigeria

**Gatchell, David W.** Segal Design Institute, Northwestern University, Evanston, IL, United States of America

**Glucksberg, Matthew R.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Murphy, Robert Leo.** Center for Global Health, Northwestern University, Chicago, IL, United States of America

**Osuntoki, Akinniyi A.** Department of Biochemistry, University of Lagos, Nigeria

**Palamountain, Kara.** Kellogg School of Management, Northwestern University, Evanston, IL, United States of America

## *Authors*

**Achenbach, Chad J.** Department of Medicine and Center for Global Health, Northwestern University, Chicago, IL, United States of America

**Achi, Chibueze, G.** Department of Civil Engineering, University of Ibadan, Nigeria

**Adejumobi, Olumuyiwa A.** Department of Veterinary Medicine, University of Ibadan, Nigeria

**Adeleye, Olurotimi.** Department of Systems Engineering, University of Lagos, Nigeria

**Adeosun, Samson.** Department of Metallurgical and Materials Engineering, University of Lagos, Nigeria

**Adesogan, Olufemi.** Department of Civil Engineering, University of Ibadan, Nigeria

**Adetona, Sunday.** Department of Electrical and Electronics Engineering, University of Lagos, Nigeria

**Adetoyi, Oluyemi.** Department of Electrical and Electronic Engineering, University of Ibadan, Nigeria

**Adewole, Kazeem.** Department of Civil Engineering, University of Ibadan, Nigeria

**Aiyegbusi, Ayoola Ibifubara.** Department of Physiotherapy, University of Lagos College of Medicine, Lagos, Nigeria

**Ajibola, Olawale O. E.** Department of Systems Engineering, University of Lagos, Nigeria

**Akano, Damola.** Department of Civil Engineering, University of Ibadan, Nigeria

**Akintayo, Folake O.** Department of Civil Engineering, University of Ibadan, Nigeria

**Anyaeche, Osita.** Department of Industrial and Production Engineering, University of Ibadan, Nigeria

**Atwine, Daniel.** Department of Biomedical Sciences and Engineering, Mbarara University of Science and Technology, Mbarara, Uganda

**Balogun, Adeola O.** Department of Electrical and Electronics Engineering, University of Lagos, Nigeria

**Balogun, Oluwaseyi Jessy.** Department of Biomedical Engineering, University of Lagos, Nigeria

**Beukes, Giancarlo.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Bolarinwa, Mojosola.** Department of Industrial and Production Engineering, University of Ibadan, Nigeria

**Bolasodun, Babatunde.** Department of Metallurgical and Materials Engineering, University of Lagos, Nigeria

**Burke, Kelsey.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Chimhundu, Chipo.** Biomedical Engineering Consultant, Harare, Zimbabwe

**Cilenti, Lautaro.** Segal Design Institute, Northwestern University, Evanston, IL, United States of America

**Coker, Akinwale O.** Department of Civil Engineering, University of Ibadan, Nigeria

**Conrad, Nailah.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Cummins, Frank.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Dai, Andrew.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Dakare, Olamitunji.** Department of Business Administration, Pan-Atlantic University, Lagos, Nigeria

**Dare, Ademola.** Department of Mechanical Engineering, University of Ibadan, Nigeria

**Das, Sanjeet.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Desmennu, Adeyimika.** Department of Health Promotion and Education, University of Ibadan, Nigeria

**Diji, Chukwuemeka J.** Department of Mechanical Engineering, University of Ibadan, Nigeria

**Doerfler, Matthew D.** Feinberg School of Medicine, Northwestern University, Chicago, IL, United States of America

**Douglas, Tania S.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Doyle, Anastasia.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Ewaleifoh, Osefame.** Department of Microbiology-Immunology, Northwestern University, Chicago, IL, United States of America

**Ewemoje, Oluseyi.** Department of Agricultural and Environmental Engineering, University of Ibadan, Nigeria

**Fasogbon, Samson K.** Department of Mechanical Engineering, University of Ibadan, Nigeria

**Gatchell, David.** Segal Design Institute, Northwestern University, Evanston, IL, United States of America

**Gbenle, Oluwasegun A.** Department of Biomedical Engineering, University of Lagos, Nigeria

**Glowik, Ewa.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Glucksberg, Matthew.** Department of Biomedical Engineering, Evanston, IL, Northwestern University, United States of America

**Haile, Dawit Assefa.** Center of Biomedical Engineering, Addis Ababa University, Ethiopia

**Hauck, Joshua.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Hussein, Ashenafi.** Center of Biomedical Engineering, Addis Ababa University, Ethiopia

**Idusuyi, Nosa.** Department of Mechanical Engineering, University of Ibadan, Nigeria

**Ikene, Iboro.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Ipinnimo, Femi.** Department of Systems Engineering, University of Lagos, Nigeria

**Irurhe, Nicholas K.** Department of Radiation Biology, Radiotherapy, Radiodiagnosis & Radiography, Lagos University Teaching Hospital, Lagos, Nigeria

**Isaacs, Faranha.** Division of Biomedical Engineering, University of Cape Town, South Africa

**James, Ayorinde Babatunde.** Virology Unit, University of Lagos College of Medicine, Nigeria

**Karanja, Yvonne W.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Lawal, Oluwatoyin.** Department of Oral Pathology, University of Ibadan, and Department of Oral Pathology, University College Hospital, Ibadan, Nigeria

**Lawal, Taiwo Akeem.** Department of Surgery, University of Ibadan, and Division of Paediatric Surgery, University College Hospital, Ibadan, Nigeria

**Lee, Yoon.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America

**Lu, Roy Cheng Chen.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, Evanston, IL, United States of America

**Makobore, Philippa.** Instrumentation Division, Uganda Industrial Research Institute, Kampala, Uganda

**Malila, Bessy.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Michael, Afieharo.** Department of Plastic, Reconstructive, and Aesthetic Surgery, University College Hospital, Ibadan, Nigeria

**Mulerwa, Martha.** Instrumentation Division, Uganda Industrial Research Institute, Kampala, Uganda

**Murphy, Robert Leo.** Center for Global Health, Northwestern University, Chicago, IL, United States of America

**Mutsvangwa, Tinashe E. M.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Mutswangwa, Christopher.** Division of Biomedical Engineering, University of Cape Town, South Africa

**Nwaneri, Solomon C.** Department of Biomedical Engineering, University of Lagos, Nigeria

**Odeniyi, Michael A.** Department of Pharmaceutics and Industrial Pharmacy, University of Ibadan, Nigeria

**Ojebuyi, Babatunde R.** Department of Communication and Language Arts, University of Ibadan, Nigeria

**Oladapo, Oyewole Adekunle.** Department of Communication and Language Arts, University of Ibadan, Nigeria

**Olorunnisola, Abel O.** Department of Wood Products Engineering, University of Ibadan, Nigeria

**Oloyo, Ahmed.** Department of Physiology, University of Lagos, Nigeria  
**Omobowale, Tayo O.** Department of Veterinary Medicine, University of Ibadan, Nigeria  
**Omotosho, Oladipo O.** Department of Veterinary Medicine, University of Ibadan, Nigeria  
**Osuntoki, Akinniyi A.** Department of Biochemistry, University of Lagos, Nigeria  
**Oyebola, Olusola.** Department of Physics, University of Lagos, Nigeria  
**Oyewola, Olanrewaju.** Department of Mechanical Engineering, University of Ibadan, Nigeria  
**Popoola, Oluwatoyin P.** Department of Biomedical Engineering, University of Lagos, Nigeria  
**Saidi, Trust.** Division of Biomedical Engineering, University of Cape Town, South Africa  
**Shittu, Ayodele Ibrahim.** Department of Economics, University of Lagos, Nigeria  
**Simkowski, Julia.** Department of Biomedical Engineering, Northwestern University, United States of America  
**Sivarasu, Sudesh.** Division of Biomedical Engineering, University of Cape Town, South Africa  
**Soetan, Kehinde Olugboyega.** Department of Veterinary Physiology and Biochemistry, University of Ibadan, Nigeria  
**Sridhar, Mynepalli K. C.** Department of Environmental Health Sciences, University of Ibadan, Nigeria  
**Tade, Oludayo.** Department of Sociology, University of Ibadan, Nigeria  
**Umese, Donna C.** Department of Restorative Dentistry, University of Lagos, Nigeria  
**Wessels, Edmund.** Division of Biomedical Engineering, University of Cape Town, South Africa  
**Williams, Anika.** Department of Biomedical Engineering, Northwestern University, Evanston, IL, United States of America  
**Zeitz-Chua, Mindy.** University of Washington School of Medicine, Seattle, WA, United States of America



# Peer Review Statement

The *Biomedical Engineering for Africa* monograph has been through the academic peer review process to conform to the Department of Higher Education and Training requirements.

Each chapter, including the introductory chapter, has been peer-reviewed by senior academics at universities in South Africa, Nigeria and the United States of America. Reviewers are considered subject matter experts.

The review process was as follows:

- The papers were submitted to reviewers, who provided comments and suggestions.
- The Editorial Committee requested authors to correct the manuscripts in accordance with the comments and suggestions of the reviewers.
- If the Editorial Committee were satisfied with the revised manuscript, the manuscript was accepted for publication.

Peer review process confirmed by Dr Reggie Raju (Director: Research and Learning Services, UCT Libraries).

# Foreword

It is with great pleasure that I write the foreword to this much anticipated book on biomedical engineering written by Africans and their collaborators, with an African perspective. High mortality rates, expensive health care systems, and heavy dependence on imported health technology from industrialised countries, motivate the development of technological capacity on the African continent to advance health and healthcare. Biomedical engineering education, research and practice are critical contributors to such capacity.

This book disseminates knowledge in a range of facets of innovation for improved health and healthcare systems. It appropriately emphasises knowledge of context as a critical factor for successful health technology development. Comprehensive coverage of the conception, development and implementation of health-related technologies is accompanied by educational approaches for prospective biomedical engineers and others wishing to contribute health technology innovation. Emphasis has been placed on biomedical engineering best practices for developing countries, especially in Africa, to bring about inclusive developmental outcomes.

*Biomedical Engineering for Africa* will be a useful guide for aspiring and practicing biomedical engineers, biomedical engineering educators, and other associated professionals. It is heart-warming that biomedical engineering in Africa has come of age. Happy reading!

Professor Folasade T. Ogunsola  
Deputy Vice Chancellor, Development Services  
University of Lagos, Nigeria  
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