

## **BOARD CHANGES AT THE SINGAPORE ECONOMIC DEVELOPMENT BOARD AND THE AGENCY FOR SCIENCE, TECHNOLOGY & RESEARCH**

The Ministry for Trade and Industry (MTI) today announced board appointment changes at the Singapore Economic Development Board (EDB) and the Agency for Science, Technology & Research (A\*STAR). These appointments will take effect from 1 February 2013.

### **SINGAPORE ECONOMIC DEVELOPMENT BOARD (EDB)**

2. MTI has appointed two new board members and re-appointed four members to the board of EDB.

#### *New Board Members*

- Mr Harish Manwani, Chief Operating Officer, Unilever
- Mr Mark A. Nelson, President, International Products, Chevron International Pte. Ltd.

#### *Re-appointment of Board Members*

- Mr Francois Guibert, Executive Vice President, President, Greater China & South Asia Region, STMicroelectronics
- Mr Lothar Herrmann, Chief Executive Officer ASEAN-Pacific, Siemens Pte. Ltd.
- Mr Vinod Kumar, Managing Director and Group Chief Executive Officer, Tata Communications Ltd.
- Mr Tan Pheng Hock, President and Chief Executive Officer, Singapore Technologies Engineering Ltd.

3. Two board members will be stepping down upon the completion of their terms on 31 January 2013. They are:

- Mr Amadou Diallo, Chief Executive Officer, DHL Freight
- Ms Deborah Henretta, Group President, Global Beauty, Skin Care, Cosmetics and Personal Care, Procter & Gamble

*(A brief write-up of the new members and full list of board members are attached in Annex A.)*

**AGENCY FOR SCIENCE, TECHNOLOGY & RESEARCH (A\*STAR)**

4. MTI has also appointed 3 new Members and re-appointed 14 existing Members to the Board of the Agency for Science, Technology & Research (A\*STAR).

*New Board Members*

- Prof Isaac Ben-Israel, Chairman, Israel Space Agency and Chairman, Israel National Council for R&D
- Prof Jonathan Knowles, Distinguished Professor, Institute for Molecular Medicine Finland FIMM, Nordic EMBL Partnership for Molecular Medicine and Professor Emeritus, Ecole Polytechnique Federale de Lausanne, Switzerland
- Prof Sir Keith O’Nions, President & Rector, Imperial College

*Re-appointment of Board Members*

- Prof Tan Chorh Chuan, Deputy Chairman, A\*STAR and President, National University of Singapore
- Prof Bertil Andersson, President, Nanyang Technological University
- Mr Bruce Brown, Chief Technology Officer, Procter & Gamble
- Dr William Chin, Executive Dean for Research, Professor of Medicine, Harvard Medical School
- Mr Ng Cher Pong, Deputy Secretary (Policy), Ministry of Education
- Mr Ng Wai Choong, Deputy Secretary (Policy), Ministry of Finance
- Prof Sir John O’Reilly, Vice Chancellor, Cranfield University (*until 3 February 2013*) and Director General of Knowledge and Innovation, Department of Business, Innovation and Skills (*wef 4 February 2013*)
- Mr Ong Boon Hwee, Managing Director, Beyond Horizon Consulting Pte Ltd
- Prof Sir George Radda, Chairman, Biomedical Research Council, Agency for Science, Technology & Research
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- Dr Sun Shih Wei, Vice Chairman, United Microelectronics Corporation (UMC)
  - Prof Tan Eng Chye, Deputy President (Academic Affairs) & Provost, National University of Singapore
  - Mr Tan Kok Kiong Andrew, Chief Executive Officer, National Environment Agency
  - Dr Patrick Vallance, President, Pharmaceuticals R&D, GlaxoSmithKline
  - Dr Tadataka Yamada, Chief Medical and Scientific Officer, Executive Vice President & Board Member, Takeda Pharmaceuticals
5. Three board members will be stepping down upon the completion of their terms on 31 January 2013. They are:
- Prof Sir Alex Markham, Professor of Medicine, University of Leeds
  - Lord Ronald Oxburgh, Deputy Chairman of the Science and Engineering Research Council and House of Lords Select Committee on Science and Technology (UK)
  - Prof Charles Zukoski, Provost and Executive Director (Academic Affairs), University of Buffalo.

*(A brief write-up of the new members and full list of board members are attached in Annex B.)*

### **In Appreciation**

6. The Ministry of Trade and Industry extends its appreciation to all out-going members for their invaluable contributions and welcomes the new board members.

**MINISTRY OF TRADE AND INDUSTRY**  
**31 JANUARY 2013**

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**Annex A**

**Singapore Economic Development Board**

**New Board Members**

**Mr Harish Manwani**  
**Chief Operating Officer**  
**Unilever**



Mr Harish Manwani joined Unilever in 1976 and currently serves as its Chief Operating Officer, managing the company's global operations. He was closely involved in the establishment of Unilever's Four Acres Singapore, a global leadership development centre and serves as a member of the Board of Human Capital Leadership Institute (HCLI). He is also the non-executive Chairman of Hindustan Unilever Limited, Board Member of the Whirlpool Corporation and the Indian School of Business.

In 2012, Mr Manwani was conferred the Public Service Medal (Friends of Singapore) during the Singapore National Day Awards in recognition of his contributions towards Singapore's trade and industry. He was also the recipient of the CNBC Asia Business Leader of the Year Award in 2008. Mr Manwani brings to the Board a strategic insight into global business and human capital development.

**Mr Mark A. Nelson**  
**President, International Products**  
**Chevron International Pte. Ltd.**



Mr Mark A. Nelson is the President of International Products responsible for Chevron's marketing and refining activities in Asia Pacific, Africa, Middle East and Pakistan.

Prior to his current appointment, Mr Nelson served as President of Chevron Canada, and oversaw the exploration, production and marketing of crude oil, natural gas and natural gas liquids in Canada. Mr. Nelson had also served as the President for Chevron Global Lubricants and the Advisor to the Executive Vice President of Global Downstream where he provided strategic guidance on worldwide operations.

Mr. Nelson began his career with Chevron U.S.A Inc as an engineer based in San Ramon, California. In his 28-year career with the company, he served in a variety of management positions in retail, marketing, business operations and planning. Mr Nelson brings to the Board a global perspective on the energy and chemicals sector.

Board Members of Singapore Economic Development Board (as of 1 February 2013)

**Chairman**

Mr Leo Yip Seng Cheong  
Chairman  
Singapore Economic Development Board

**Members**

Mr Yeoh Keat Chuan  
Managing Director  
Singapore Economic Development Board

Mr Gautam Banerjee  
Chairman  
Blackstone Singapore Pte. Ltd.

Mr Jean-Luc Butel  
Corporate Vice President and President, International  
Baxter International Inc.

Ms Cham Hui Fong  
Assistant Secretary General  
National Trades Union Congress

Mr Joseph Flanagan  
Senior Vice President  
Worldwide Operations and Supply Chain  
Applied Materials Inc.

Mr Francois Guibert  
Executive Vice President  
President, Greater China & South Asia Region  
STMicroelectronics

Mr Lothar Herrmann  
Chief Executive Officer ASEAN-Pacific  
Siemens Pte. Ltd.

Mr Hiroshi Ikuno  
Executive Officer and Regional Chief Executive Officer for ASEAN  
Marubeni Corporation  
Managing Director, Marubeni ASEAN Pte. Ltd.

Mr Vinod Kumar  
Managing Director & Group Chief Executive Officer  
Tata Communications Ltd.

Mr Kwek Mean Luck  
Chief Executive Officer and Dean, Civil Service College  
Deputy Secretary (Development), Public Service Division, Prime Minister's Office

Mr Harish Manwani  
Chief Operating Officer  
Unilever

Mr Mark A. Nelson  
President, International Products  
Chevron International Pte. Ltd.

Mr Tan Pheng Hock  
President and Chief Executive Officer  
Singapore Technologies Engineering Ltd.

**Agency for Science, Technology and Research**

**New Board Members**

**Prof Isaac Ben-Israel**  
**Chairman, Israel Space Agency**  
**Chairman, Israel National Council for R&D**



Prof Ben-Israel is a military scientist who is currently the Chairman of the Israeli Space Agency and of the Israel National Council for Research & Development. Prof Ben-Israel has had an illustrious career in both academia and industry, having served on the boards of companies including Teva, Israel Aircraft Industries and Israel Corp, and as a Professor at the University of Tel Aviv. He is currently also a member of Singapore's Research, Innovation and Enterprise Council.

**Prof Jonathan Knowles**  
**Distinguished Professor, Institute for Molecular**  
**Medicine Finland FIMM, Nordic EMBL Partnership**  
**for Molecular Medicine**  
**Professor Emeritus, Ecole Polytechnique Federale de**  
**Lausanne, Switzerland**



Prof Knowles is currently the Distinguished Professor for the Institute for Molecular Medicine Finland FIMM, Nordic EMBL Partnership for Molecular Medicine. He is also Professor Emeritus of Ecole Polytechnique Federale de Lausanne (EPFL) in Switzerland, as well as a Visiting Professor in Translational Medicine at University of Oxford, UK. Prior to this, Prof Knowles was the Vice Chairman and Chief Scientific Officer of Caris Life Sciences, and he was the former head of Group Research, The Roche Group.

Prof Knowles has had a distinguished career for decades in both academia and the pharmaceutical industries. Prof Knowles was appointed to the Biomedical Research Council Board (BMRC) Board for A\*STAR in 2011, where he has brought his extensive experience in translational and personalised medicine to provide valuable advice to the BMRC Board.

**Prof Sir Keith O’Nions  
President & Rector  
Imperial College**

Sir Keith O’Nions is a British scientist and currently appointed as the President & Rector of the Imperial College. Prior to joining Imperial College, Sir Keith was Director-General in the Department for Innovation, Universities and Skills, and has also held other key positions at various universities and institutions. Given his rich experience in science and innovation, and his understanding of the UK landscape, his expertise and experience will be of much value to the A\*STAR board.





Board Members of the Agency for Science, Technology and Research (as of 1 February 2013)

**Chairman**

Mr Lim Chuan Poh  
Chairman  
Agency for Science, Technology and Research

**Deputy Chairman**

Prof Tan Chorh Chuan  
President  
National University of Singapore

**Members**

Prof Bertil Andersson  
President  
Nanyang Technological University

Prof Isaac Ben-Israel  
Chairman, Israel Space Agency  
Chairman, Israel National Council for R&D

Mr Bruce Brown  
Chief Technology Officer  
Procter & Gamble

Dr William W. Chin  
Executive Dean for Research  
Professor of Medicine  
Harvard Medical School

Prof Jonathan Knowles  
Vice Chairman and Chief Scientific Officer,  
Caris Life Sciences  
Professor of Translational Medicine  
Ecole Polytechnique Federale de Lausanne, Switzerland

Mr Ng Cher Pong  
Deputy Secretary (Policy)  
Ministry of Education

Mr Ng Wai Choong  
Deputy Secretary (Policy)  
Ministry of Finance

Prof Sir Keith O’Nions  
President & Rector  
Imperial College

Prof Sir John O'Reilly  
Chairman, Science and Engineering Research Council, A\*STAR  
Director General of Knowledge and Innovation, Department of Business,  
Innovation and Skills (*wef 4 February 2013*)  
Vice Chancellor, Cranfield University (*until 3 February 2013*)

Mr Ong Boon Hwee  
Managing Director  
Beyond Horizon Consulting Pte Ltd

Mr Quek Tong Boon  
Chief Defence Scientist  
Chief Research & Technology Officer  
Ministry of Defence

Prof Sir George Radda  
Chairman, Biomedical Research Council, A\*STAR  
Emeritus Professor of Molecular Cardiology, University of Oxford

Dr Sun Shih-Wei  
Vice Chairman  
United Microelectronics Corporation

Prof Tan Eng Chye  
Deputy President (Academic Affairs) and Provost  
National University of Singapore

Mr Tan Kok Kiong Andrew  
Chief Executive Officer, National Environment Agency  
Centre Fellow, Centre for Liveable Cities, Ministry of National Development

Dr Raj Thampuran  
Managing Director  
Agency for Science, Technology and Research

Dr Patrick Vallance  
President, Pharmaceuticals R&D  
GlaxoSmithKline

Dr Tadataka Yamada  
Chief Medical & Scientific Officer (CMSO)  
Executive Vice President and Board Member  
Takeda Pharmaceuticals

Mr Yeoh Keat Chuan  
Managing Director  
Singapore Economic Development Board