

On the Purpose of Education: “A thousand years ago, my forefathers, the Fatimid Imam-Caliphs of Egypt, founded Al-Azhar University and the Academy of Knowledge in Cairo. **In the Islamic tradition, they viewed the discovery of knowledge as a way to understand, so as to serve better God’s creation, to apply knowledge and reason to build society and shape human aspirations.**”

(His Highness the Aga Khan, Foundation Stone Laying Ceremony of the Aga Khan Academy, Maputo, Mozambique, 25 June 2004)

Selected Fields of the Future:

Neurosciences	Media Sciences
Artificial Intelligence	Robotics
Machine Learning	Zero-Gravity Effects (pharmaceuticals, materials)
Data Science and Analytics	Mental Health
Battery and Power Technology	Environmental Management
Knowledge Management	Autonomous Transportation and Logistics
Governance, Public Policy, Comparative Government, Constitutionality	Mental Health Management
Early Childhood Development	Epidemic Management
Urban Planning and Development	High-Speed Transportation (e.g. rail, Hyperloop)
Impact Investing and Social Finance	Agricultural Engineering and Management
Cybersecurity	Peace and Conflict Management
Stem Cell Research	Nanotechnology
Biotechnology and Bioengineering	Advanced Manufacturing (e.g. 3-D printing)
Ethics and Ethical Leadership	Computational Biology
Personalized and Institutional Healthcare	Computer Vision
Genomics and Genetics Research	Anticipatory Disaster Management
Bioinformatics	Synthetic biology
Cognitive economics	Recombinant memetics
Space Sciences and Technology	Organic electronics
Food Science/Technology and Food Security	Neuroparasitology
Pluralism and Diversity Management	Exo-meteorology
Water Management and Policy	Quantum biology
Health Economics	Nutrigenomics
Global Tourism	Clidynamics
Advanced Materials Sciences	Computational social science
International Studies and Diplomacy	Energy Sciences
Non-Profit Leadership	Sustainable and Renewable Energy

On the Future: “In this new era, **the predominant source of influence will stem from information, intelligence and insight rather than physical power or natural resources. This Knowledge Society will confront people everywhere with new challenges and new opportunities.**”

(His Highness the Aga Khan, Aga Khan University Convocation Address, Karachi, 6 December 2006)