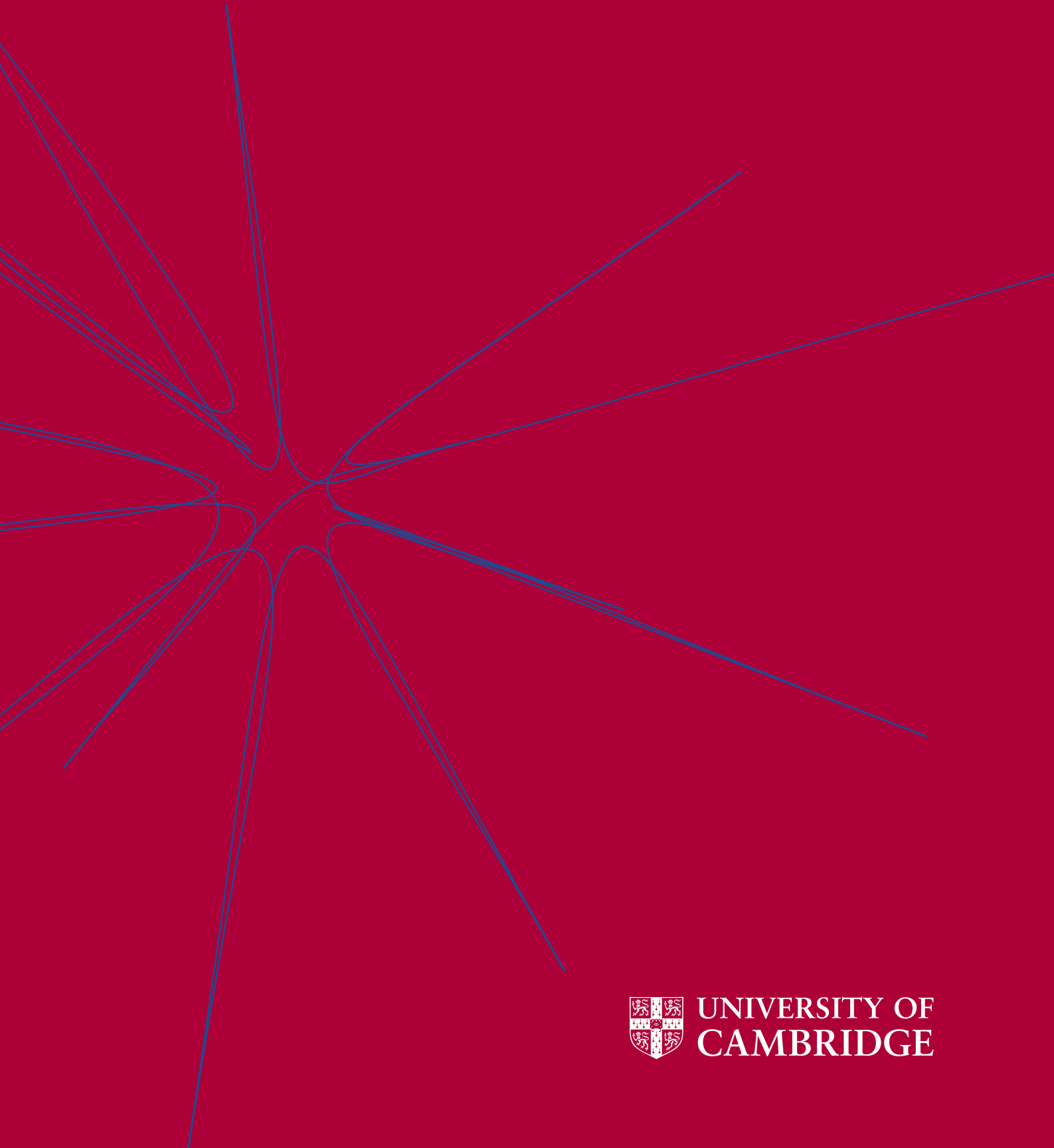


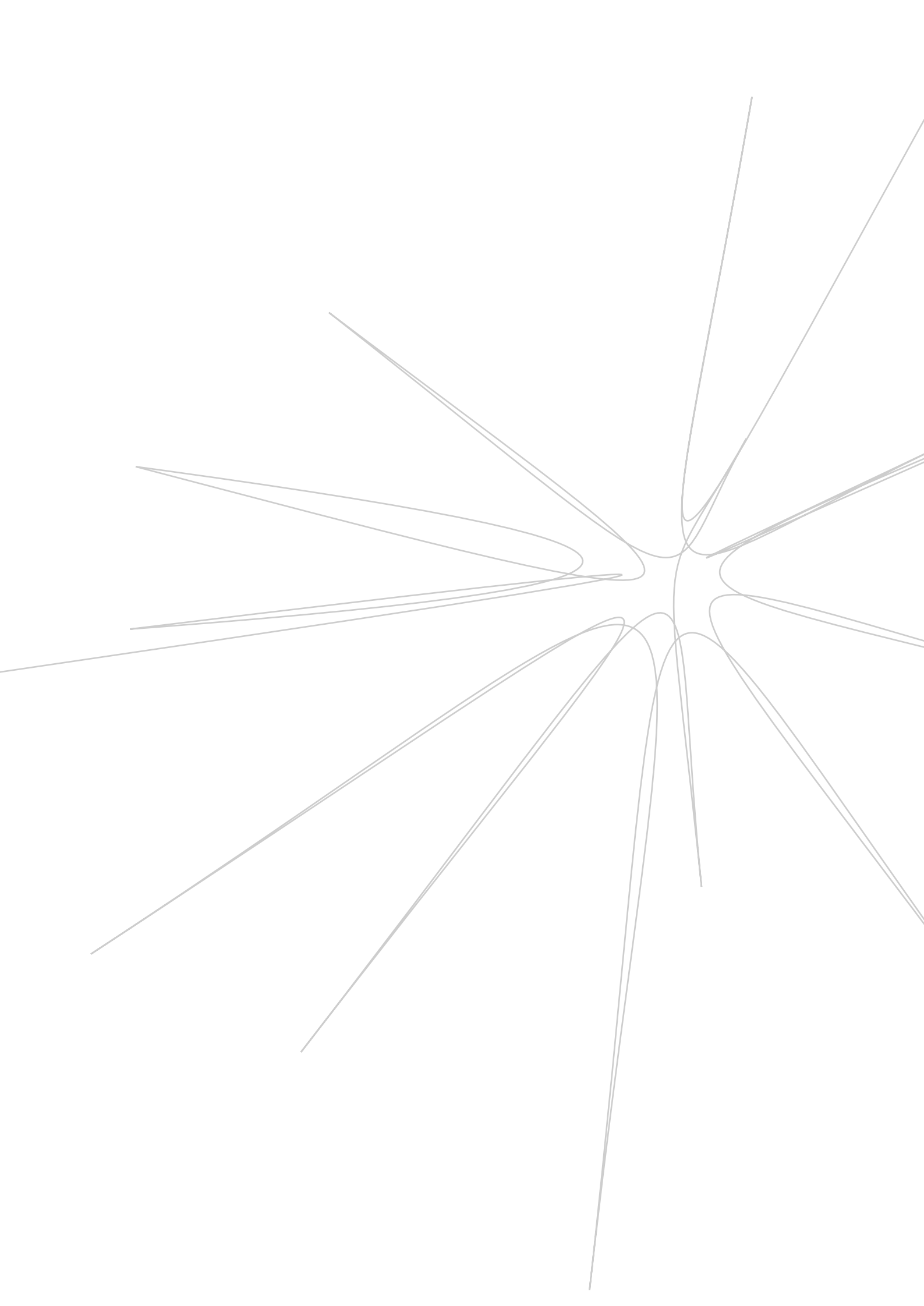
Gates Cambridge Trust

# Gates Cambridge Scholars 2003



UNIVERSITY OF  
CAMBRIDGE

Gates Cambridge Trust  
**Gates Cambridge Scholars 2003**



# Preface

## BILL & MELINDA GATES *foundation*

As the Gates Cambridge Scholarship program enters its third year, Melinda and I, and all those who work for the foundation in Seattle, are delighted with the rapid progress that has been made in establishing the program. There are now over 250 Gates Scholars – highly talented young men and women from all over the world – studying at Cambridge. We are encouraged that nearly a hundred scholars have successfully completed the course at Cambridge for which they were awarded a Gates Scholarship.

My father, as the co-chair of the Bill & Melinda Gates Foundation and a trustee of the Gates Cambridge Trust, has taken an active interest in this program. I know he looks forward to his visits to Cambridge, and particularly enjoys meeting and talking to the Gates Scholars. He has shared with me how impressed he is by the Gates Scholars' enthusiasm and dedication, and by their willingness to put their higher education to work for the benefit of others.

The Bill & Melinda Gates Foundation is dedicated to improving people's lives by sharing advances in health and learning with the global community. To that end, we need highly educated leaders, skilled in research and analysis, who will take a creative approach to defining and solving problems, so that we can address the injustices and inequities that abound in our world. Gates Cambridge Scholarships give young people an opportunity to develop and refine such skills. In Cambridge, Gates Scholars are able to work with distinguished faculty and other equally bright students from many different countries and cultures. On graduation from Cambridge, Gates Scholars are in an ideal position to bring new vision and apply their learning to the benefit of society at large.

I welcome the new class of Gates Cambridge Scholars, and hope you enjoy your studies and experiences on campus. I wish all those at Cambridge, with its new Vice Chancellor, Professor Alison Richard, every success for the coming academic year, and I look forward to hearing about your future pursuits to address inequities in global health and learning.



Bill Gates

## **Gates Cambridge Scholars 2003**

Scholars are listed alphabetically by name. The list includes all current Gates Cambridge Scholars, although some of them will start their courses in January or April 2004 and two of the Scholars have permission to delay starting until October 2004. A number of the Scholars listed as working for the PhD degree will be required to complete successfully in 2004 a post-graduate certificate or Masters degree or similar qualification before being allowed to proceed with work for the doctorate. Other Scholars will be working away from Cambridge during the academic year whilst undertaking field work or other study as an integral part of their doctoral research.

## Gates Cambridge Trust: Trustees



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Co-Chair of the Bill & Melinda  
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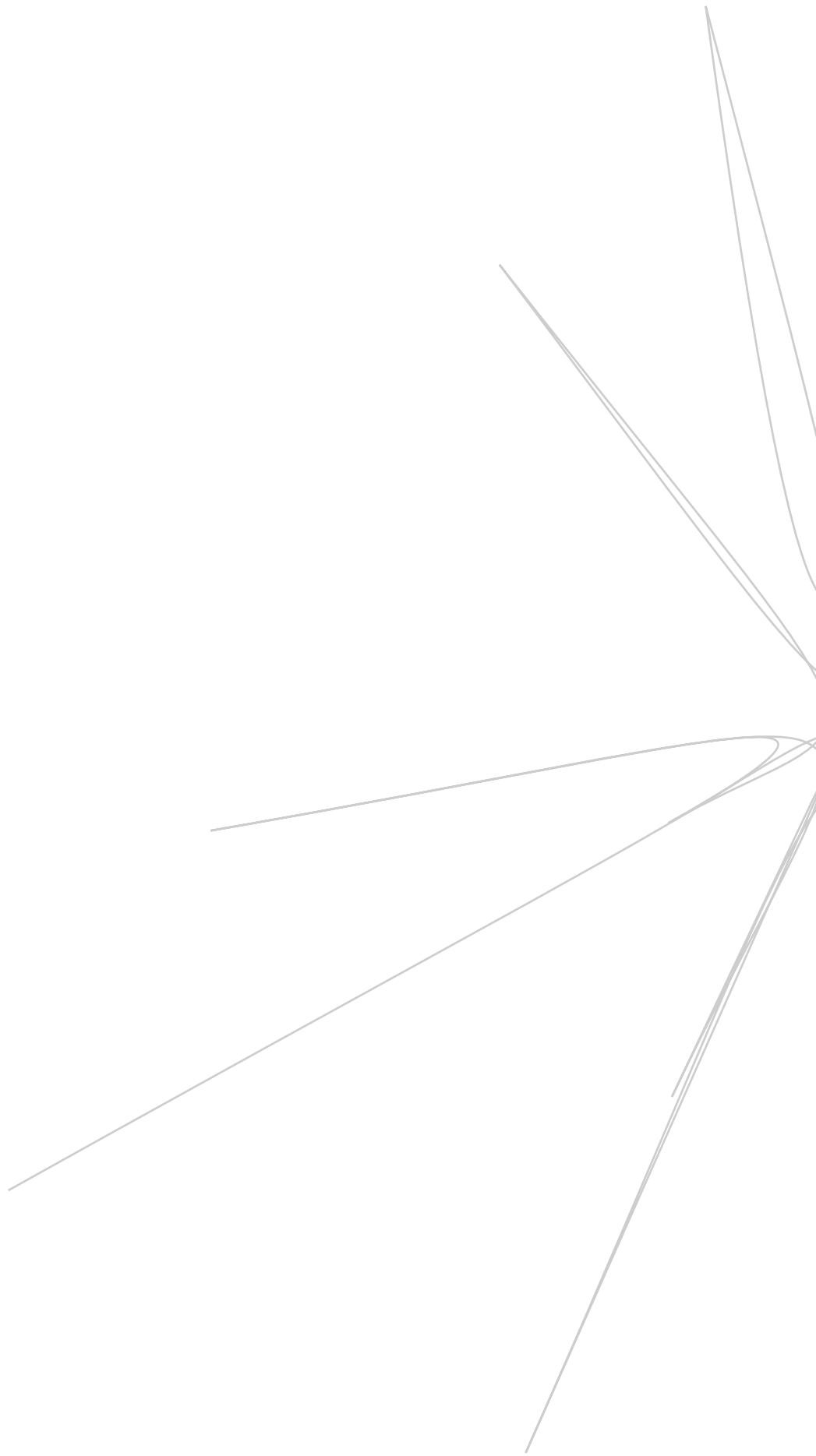
**Dr Anil Seal**  
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(Provost)



**Dr Timothy Mead**  
Registrary of the University and  
Fellow of Wolfson College,  
Cambridge (Secretary)





**Gates Cambridge Trust:**  
The Scholars 2003





**Mr Rashad Abbasov**

Azerbaijan

**COURSE IN CAMBRIDGE:**

PhD International Relations; Wolfson College

**PREVIOUS UNIVERSITIES:**

Baku State University, Azerbaijan: BA (International Relations and International Law) 1994–1998

London School of Economics and Political Science: MSc (European Studies) 1999–2000

University of Cambridge: MPhil (International Studies) 2001–2002

Through my PhD research in Cambridge I will attempt to examine the relationship between the European Union (EU) and the Caucasus, using empirical data and theoretical analysis. My decision to choose this subject for my PhD research has been influenced by my previous degree in

European Studies, a posting in diplomatic service at the Ministry of Foreign Affairs of Azerbaijan, where I was dealing with EU-Azerbaijani issues, and most recently my MPhil research at Cambridge on the EU-Caucasus relations have influenced my decision to choose this subject for my PhD research. The research will constitute the first attempt to apply a theoretical framework to explain the whole complexity of current relations between the EU and the countries of the Caucasus. Furthermore, the application of theoretical framework could pave the ground for drafting possible scenarios of how these relations may be expected to evolve in the future.

**INTERESTS:**

Tennis, football, chess, movies, music, reading of foreign policy and historical journals.



**Mr Hisham Abu-Rayya**

Israel

**COURSE IN CAMBRIDGE:**

PhD Social and Political Sciences; Wolfson College

**PREVIOUS UNIVERSITIES:**

Hebrew University of Jerusalem: BA (Psychology and Statistics) 1997, MA (Educational Psychology), MA (Statistics) 2002

Researchers specialising in my subjects are, in my country, in the minority. I hope

that my experience at Cambridge will help me to advance my academic career and improve my field work. It will also help towards achieving my aim to create an institution in Israel to provide psychological consultation.

**INTERESTS:**

Tutor – statistics and psychology (devised own courses); statistical analysis; volunteer teaching in several institutions where expertise is needed.



**Mr Adewale Niyi Adebawwi**

Nigeria  
Ibadan

**COURSE IN CAMBRIDGE:**

PhD Social Anthropology; Trinity Hall

**PREVIOUS UNIVERSITIES:**

University of Lagos: BSc Mass Communication

University of Ibadan: MSc Political Science

My principal future goal is to contribute to the transformation of my society, my continent and the world. I intend to set up a centre for political and cultural

communications in my country where research will be conducted on the transformative potentials of politics, culture and communications on the African continent. I also plan to use my intellectual resources in working with progressive forces anywhere in the world to make the world safer, better and more livable.

**INTERESTS:**

Football, reading and listening to poetry, watching movies.



**Ms Heather D. Agnew**

USA  
Wescosville,  
Pennsylvania

**COURSE IN CAMBRIDGE:**

PhD Chemistry; Girton College

**PREVIOUS UNIVERSITIES:**

Penn State University: BS (Biochemistry and Molecular Biology)

The Gates Cambridge Scholarship will allow me to carry out PhD graduate study in chemistry with great scientists and will give me access to interdisciplinary research in the biological and physical sciences. Study at Cambridge will give me the training to make my goal of being a scientist and leader a reality. Based on my

love of research and teaching, my ultimate career goal is to lead my own chemistry research group at a major research university. As a professor, I also aspire to encourage upcoming generations of scientists by writing a book geared toward young women and under-represented minority groups, detailing that science is an exciting and rewarding career choice.

**INTERESTS:**

I am interested in science community outreach, art history, architecture, and travel. I am also a 2nd Dan black belt in Tae Kwon Do. I have competed in six US Junior Olympic Tae Kwon Do championships, and hope to continue my training while at Cambridge.



**Ms Sinead  
Agnew**

Ireland  
Dublin

**COURSE IN CAMBRIDGE:**

MPhil Social and Economic History:  
Pembroke College

**PREVIOUS UNIVERSITIES:**

University of Dublin, Trinity College; LLB

St Edmund Hall, Oxford:

MJuris in European and Comparative Law

I hope to develop my expertise and breadth of knowledge as a lawyer, either in practice or by teaching. I believe that my time in

Cambridge reading for the MPhil in Social and Economic History will help me to understand better the social, economic and political forces that drive the making of law. This in turn will make me a better lawyer, advocate and teacher.

**INTERESTS:**

Singing, running, music, literature, music, football, dancing and shoes.

**Mr Salman Ahmed**

Pakistan  
Faisalabad

**COURSE IN CAMBRIDGE:**

PhD Economics and Finance; Christ's College

**PREVIOUS UNIVERSITIES:**

Lahore University of Management Sciences:  
BSc (1999);

University of Cambridge: MPhil (2001)

My first goal is to go back to Pakistan and actively pursue a decision making role in the area of finance. I believe that being a Gates Scholar in Cambridge will provide me with an excellent opportunity to prepare myself for this challenging position. I intend to use all the resources available to

me to work towards this aim. A secondary goal is to be available in the education sector of Pakistan as a professional educator. I feel that a PhD from Cambridge together with resources of Gates will be invaluable tools to accomplish this target.

**INTERESTS:**

I love reading fiction and politics. In my spare time I like to do volunteer work helping the community. On the fun side, I love clubbing and playing Playstation games.



**Mr Antonio  
Alberola  
Catalan**

Spain

**COURSE IN CAMBRIDGE:**

PhD Inorganic Chemistry; Wolfson College

**PREVIOUS UNIVERSITIES:**

University of Valencia: BSc (Chemistry) 2001

Studying in Cambridge will give me the opportunity to be in close contact with a different culture and another lifestyle. I will become more open-minded – which

I believe is very important to the development of the new globalised world – and working with the most able researchers will enable me to achieve goals that would otherwise be unattainable.

**INTERESTS:**

Visiting amazing places such as Cambridge and Montpellier, naturalist, countryside walking, diving cinema and reading scientific books.



**Mr Gil  
Alexandrowicz**

Israel

**COURSE IN CAMBRIDGE:**

PhD Physics; Gonville & Caius College

**PREVIOUS UNIVERSITIES:**

Hebrew University of Jerusalem:

BSc (Physics) 1997,

MSc (Physics) 1999

I think that studying in Cambridge will give me the necessary tools for innovation, either in industry or in further research.

**INTERESTS:**

(Married to Noa). Developing novel medical equipment in the field of magnetic resonance.



**Mr Michael  
Andrew  
Anderson**

USA  
California

**COURSE IN CAMBRIDGE:**  
PhD Archaeology; Corpus Christi College

**PREVIOUS UNIVERSITIES:**  
UCLA: BA (History) 1997, MA (Archaeology) 2001

My archaeological field experience includes five summers teaching archaeological field technique with the Anglo-American Project in Pompeii, and one season with the German Institute of Archaeology at Dra'Abu el-Naga necropolis, Luxor. My research centres around the use,

construction, and interpretation of domestic space in the ancient Mediterranean. I plan to develop new techniques and methodologies for the examination of space. I am also interested in the integration of computer technology and web design in academic research. With a PhD I will become eligible to be appointed to professor, and to direct my own archaeological excavation.

**INTERESTS:**

Football, long distance running, game theory and development.



**Mr Shahzad  
Mumtaz Ansari**

Pakistan

**COURSE IN CAMBRIDGE:**  
PhD Management Studies; St Edmund's College

**PREVIOUS UNIVERSITIES:**  
NED University of Engineering and Technology, Karachi: BEng (Civil Engineering) 1990

Institute of Business Administration, University of Karachi: MBA 1994

After completion of my studies, I intend to return to teach at leading institutes in Pakistan. A doctorate will give me referant power to share my knowledge and experience with Pakistan's future managers. I hope to be an advisor to the government in policy making (privatisation programmes, etc) and the opportunity to study in Cambridge will equip me with the

tools and expertise needed to make a contribution to the education sector. I also wish to write and publish papers in reputable journals concerning business practices – especially those in Pakistan.

**INTERESTS:**

A decade of work experience including – Business Development Manager and partner in a consultancy, Design Alchemy; Project Engineer, Sogea; taught Business Management courses (BBA and MBA level) at a number of leading business schools in Karachi. Writing articles for national dailies, debates, organising events, chess, weight training, swimming and cricket (currently member of the Judge Institute cricket team). Social work, teaching English to less privileged students; travel and tourism (guide/interpreter for tourists visiting Pakistan).



**Mr Nathan  
Arrington**

USA  
Westport, CT

**COURSE IN CAMBRIDGE:**  
MPhil Classical Archaeology and Archaeological Science; Peterhouse College

**PREVIOUS UNIVERSITIES:**  
Princeton University: AB (Art and Archaeology)

I plan to teach at university level and direct an archaeological excavation. Cambridge provides the unique opportunity to study Classics, Ancient art, and Archaeological science. I am interested in many aspects of Greek art, from the attribution of vases to the development of architectural orders, but the broader issue I want to investigate is the role of art in ancient society. At

Cambridge, I will look at engraved gems and their role in economic transactions and the structure of Greek society. For many, learning is a chore, an unpleasant task. But studying the past, in particular its material remains, is a sure way to get people – especially younger children interested in learning. Few can suppress excitement at holding something hundreds of years old. I hope to take my passion about classical archaeology and share it with others to get them excited about learning.

**INTERESTS:**

Playing the viola, running, baking desserts, Appreciating art, having a long conversation over a bottle of wine.



**Mr Andrew  
David Charles  
Ashcroft**

Canada

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Wolfson College

**PREVIOUS UNIVERSITIES:**  
University of Western Ontario: BEngSci 2000

As President and Founder of ASH Sports Inc, my studies in sports engineering will enable me to realise my dream of

developing innovative lines of sportswear and equipment.

**INTERESTS:**

Avid poet and sportsman, particularly ice hockey which I play for the University.



**Dr Pandula Mahesh Athauda-Arachchi**

Sri Lanka  
Kandy

**COURSE IN CAMBRIDGE:**

PhD Brain and Neuronal Regeneration using Oligodendrocyte Precursor Cells; Selwyn College

**PREVIOUS UNIVERSITIES:**

University of Peradeniya, Sri Lanka: MBBS (Bachelor of Medicine and Bachelor of Surgery)

My dream is to become both a pioneering scientist and an able neurologist, seeking to open new avenues to treat neurological debilities hitherto being impossible to tackle. The scientists at the Brain Repair Centre in Cambridge have opened up new hopes for regeneration and repair of neurons that make up the brain and spinal

cord, with their discoveries on the multi-potent stem cells. I will be greatly privileged to be part of this team of scientists. The Gates Scholarship has given me new strength, along with that of my family, friends and teachers, to go forward to broaden the horizons of new knowledge, for the benefit of millions of people worldwide who suffer with neuronal loss and debility. I am confident and committed to make that dream a reality.

**INTERESTS:**

Reading – Academic and non academic (science fiction), athletics – track and field sports. Dancing and music, astronomy and extra terrestrial life forms/intelligence. Quiz programmes!



**Mr Chiraag Bains**

USA  
Chelmsford, MA

**COURSE IN CAMBRIDGE:**

MPhil/PhD Criminology; King's College

**PREVIOUS UNIVERSITIES:**

Yale University: BA

I hope to look closely at the role of race in various criminal justice systems, comparing the history of police-minority community relations in the US, England, and other countries. I am particularly interested in biased policing, disproportionate rates of

incarceration, and unequal sentencing. After completing the MPhil, I would like to continue with the PhD program. Upon returning to the United States, I intend to study law and work first as a civil rights litigator and later in public policy around the issues of racial equality.

**INTERESTS:**

Listening to music, part-time DJ, basketball, tennis, going to the theatre. I hope to get involved in college radio and play a lot of pickup basketball at Cambridge.



**Miss Liliya T Bakiyeva**

Kazakhstan

**COURSE IN CAMBRIDGE:**

PhD Surgery; New Hall

**PREVIOUS UNIVERSITIES:**

South Kazakhstan State Medical Academy: Diploma in Medicine 1999

**INTERESTS:**

Cycling, swimming, internet surfing, reading, classical music and lyrics.



**Mr Louis A. Ballezi**

USA  
Havertown, Pennsylvania

**COURSE IN CAMBRIDGE:**

MPhil BioScience Enterprise; Churchill College

**PREVIOUS UNIVERSITIES:**

Princeton University: AB (Molecular Biology)

After I have completed my studies at Cambridge, I plan to pursue a law degree. Ultimately, I plan to work in the field of science policy. The Gates Scholarship program allows me to participate in Cambridge's BioScience Enterprise

program, which is uniquely suited to my interests and examines industry and applied biology from an international perspective.

**INTERESTS:**

Music (guitar and composition), martial arts, cycling, reading.

**Mr David Bard**

USA  
East Brunswick,  
NJ

**COURSE IN CAMBRIDGE:**

MPhil Economics w/ Development; Christ's College

**PREVIOUS UNIVERSITIES:**

University of Pennsylvania: BSc (Economics),  
BAS (International Economic and Financial Systems)

My future career goals entail macro-level hands-on policy work and developing economies. More specifically, I want to assist in developing efficient capital markets in these regions; this includes not only liquid debt and equity markets for raising capital, but all forms of retail banking

mechanisms that enable economic development and growth. This opportunity to be a Gates scholar will afford me some of the most renowned resources in development economics while exposing me to a variety of people and cultures throughout Europe that will better prepare me for my pursuits.

**INTERESTS:**

My academic interests are focused on international and geopolitical affairs, particularly those pertaining to the Middle East and South America. On the recreational side, I am interested in weight lifting, conditioning, movies, pool, ping-pong, and travel.

**Mr Ankur Barua**

India

**COURSE IN CAMBRIDGE:**

PhD Divinity; Trinity College

**PREVIOUS UNIVERSITIES:**

University of Delhi: BSc (Physics) 1998

University of Cambridge:  
BA (Theological and Religious Studies) 2001

I have been interested for some time in the question that plurality of world religions poses to the adherents of any one particular faith and also in trying to acquire and *insider's* viewpoint of these different faiths – mainly Hinduism, Buddhism and Christianity. As the world moves into the new century it is evident that it is becoming

more and more culturally and religiously diverse and what is needed is a serious attempt to try and bridge the gaps that have been created over the last three centuries as a result of different political, religious and economic factors. I plan to stay in the academic field and hope to contribute to the now steadily expanding field of comparative philosophies and cultural studies. The Gates Cambridge scholarship will help me in a great way to fulfil my desire to better understand Western civilisation from a non-European perspective.

**INTERESTS:**

European and Russian literature, Western classical and Indian classical music, trekking in the countryside.

**Ms Nicole Elaine Basta**

USA  
New Kensington,  
Pennsylvania

**COURSE IN CAMBRIDGE:**

MPhil Epidemiology; Homerton College

**PREVIOUS UNIVERSITIES:**

Princeton University: AB (Ecology and Evolution)

I am interested in examining the spread of disease through populations from an ecological and evolutionary perspective. With this approach, I hope to design initiatives that will ultimately halt the transmission of tropical and vector-borne diseases, improve public health policies to reduce unnecessary suffering, and

provide greater access to healthcare worldwide. Public health is becoming an increasingly interdisciplinary field, encompassing economics, politics, sociology, and many other areas. I look forward to working with my fellow Gates Scholars in the future to address issues related to the creation of sustainable public health policies on an international scale.

**INTERESTS:**

Kick-boxing, Art/ceramics, vegetarian cooking, travel, squash. I hope to start rowing and learn how to play cricket.

**Ms Amy Bates**

USA  
Arlington,  
Virginia

**COURSE IN CAMBRIDGE:**

Diploma Economics; Queens' College

**PREVIOUS UNIVERSITIES:**

Princeton University: AB 2001,  
Certificate (American Studies) 2001

In my academic work, extracurricular activities, and employment, I have focussed on poverty and social welfare policy, both

in America and in the third world. In the coming years, I hope to deepen the analytical rigor that I can bring to ethical and policy discussions through further study of economics, social justice and public policy. Ultimately, I hope to use insights from academic research, philosophical inquiry, public policy debates, and practical experience with nonprofits in order to strengthen communities and improve people's lives.



**Mr Matthew Baumgart**

USA  
DeKalb, Illinois

**COURSE IN CAMBRIDGE:**  
Part III Mathematics (DAMPT); Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Chicago: BA

I will use my Cambridge Education to specialize my interests in high energy physics. This will improve the quality of

my doctoral studies as I train to become a research scientist.

**INTERESTS:**  
Modern dance, racketball, skiing, travel topology/geometry, particle physics.



**Mr John Andrew Becker**

New Zealand

**COURSE IN CAMBRIDGE:**  
PhD Earth Sciences; Corpus Christi College

**PREVIOUS UNIVERSITIES:**  
University of Otago: BSc (Geology) 1998

My proposed study towards the degree of PhD will offer me more specialised choices in the field of geology. Following completion of my PhD, I hope to either continue in academia, perhaps returning to Otago University, or alternatively to pursue

a career in predictive ore modelling and development of software and mining techniques which serve to reduce the current pillage of the environment.

**INTERESTS:**  
Otago swim team representative 1993–95, scuba diving, travel, photography, aircraft, rugby, Hapkido (Korean martial art) and guitar.



**Mr Moritz Yury Wing-Yan Becker**

Hong Kong  
(German citizen)

**COURSE IN CAMBRIDGE:**  
PhD Computer Science; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
BA (Computer Sciences) 2001

Recently, I drafted a formal security policy for the controversial NHS patient database. My aim is to apply my expertise to similar discourses in other countries or to other areas where the privacy of individuals is at stake. Ultimately, I intend to do a job that has a direct positive impact on society as opposed to a purely technical or academic one; alternatively, I could imagine pursuing the other extreme: an academic career with a research topic so theoretical as to have definitely no use to the world - but an

intrinsic beauty that makes you forget about such things anyway.

**INTERESTS:**  
Photography - (mainly of cats, ducks and other people, black & white darkroom work), running the Trinity College Photographic Society. Philosophy, especially of Science and of Mathematics. Theory - computation, literary, cultural and post-structuralist. Sports - table tennis, squash, hiking, punting. Other: transverse flute, films, contemporary art, cooking, cats, ducks, squirrels, peppermint tea with a friend, puzzles



**Mrs Jessica Beckett**

USA  
Cardiff,  
California

**COURSE IN CAMBRIDGE:**  
PhD, Archaeology; Darwin College

**PREVIOUS UNIVERSITIES:**  
San Diego State University:  
BA (Anthropology) 2000,  
MA (Anthropology) 2002



**Ms Elizabeth  
Anne  
Beiswenger**

USA  
Soldotna, Alaska

**COURSE IN CAMBRIDGE:**  
PhD Polar Studies; Jesus College

**PREVIOUS UNIVERSITIES:**  
Vassar College: BA Russian Studies,  
BA Political Studies

I have a special fondness for Arctic Russia, and I plan to find employment in sustainable resource development following graduation from Cambridge. I would like to focus on oil and gas development, which is rapidly expanding in Arctic Russia. One of the things that I hope to work on is the

protection of the native populations near and around this development. I think that it is essential that the indigenous populations participate in and gain from the development of natural resources in their regions. Being a Gates Scholar gives me the freedom to pursue my studies without having to worry about the financial difficulties to graduate school. The Gates Foundation's focus on addressing global problems by improving people's lives fits perfectly with my future career goals.

**INTERESTS:**  
Russian Literature, travel, downhill skiing.



**Mr Andreas  
Bender**

Germany  
Berlin

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Technology Berlin: BS (Chemistry) 1999  
Trinity College Dublin: Visiting Student 1999–2000  
Johann Wolfgang Goethe University Frankfurt:  
MS (Chemistry, Bioinformatics) 2002

I like the idea of decoding, and thus controlling the world around us. But not

in a materialistic sense – I speak of the capability to understand principles in nature. And also of the next step: To predict behaviour, based on observed (or deduced) principles. In my PhD thesis I will predict the behaviour of molecules, based on their structure. The question is simple: In which cases are molecules similar? But the answer, unfortunately, is not that simple. In the long run, I will to found my own company in this area, in computer-based drug design.



**Mr Sean  
Bennett**

USA  
Chicago, Illinois

**COURSE IN CAMBRIDGE:**  
PhD Cognitive Musicology; Wolfson College

**PREVIOUS UNIVERSITIES:**  
DePaul University: (Piano Performance) 1998  
Harvard University: AB (Psychology and Biology),  
Certificate (Cognitive Neuroscience) 2001

I believe that infrequently combined interdisciplinary intersections hold promise for major intellectual advancement in today's fragmentary academia. As a result, I have been attempting to integrate music, neuroscience, linguistics, and cultural studies to determine how and why music

sticks in our thoughts – potentially learning enough to use the results and algorithms for socially responsible aims. Not limited to this academic interest, as Chair of the Gates Scholar Council I have also explored published tenets about cross-cultural organizational behaviour and politics, in the hope that creative solutions might emerge which reduce the usual bureaucratic boundaries which preclude productive international progress.

**INTERESTS:**  
Piano performing, politics, entrepreneurship, metal detecting, travel, running, climbing, computer science, the science of high achievement, philanthropy, and postcards.



**Mr Vitor  
Bernardo  
Bernardes  
Pinheiro**

Brazil

**COURSE IN CAMBRIDGE:**  
PhD Biochemistry; Churchill College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
BA/MSc (Natural Sciences) 2001

I have come far – from being a 16 year old in Brazil intending to study Engineering, to being a 23 year old Cambridge Natural Sciences graduate. Furthermore, a conversion from physical to biological sciences ensured a harder, yet more rewarding path than it would have been,

should I have remained in the physical realm. A doctorate is an essential step for a scientist, and through the Gates Cambridge Scholarship I will be working under a world leader in the field, associated with a highly regarded University, and undertaking a project which is applicable worldwide – especially to Brazil.

**INTERESTS:**  
Volleyball, Squash, travel and cooking.



**Mr Alexander Bernhardt**

USA  
Atlanta,  
Georgia

**COURSE IN CAMBRIDGE:**  
MPhil Management Studies; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Pennsylvania, the Wharton School:  
BSc (Economics) 2002  
  
University of Pennsylvania, School of Engineering  
and Applied Science:  
Bachelor of Applied Science (focus in Biotechnology)  
2002 Minors in Biology and Psychology

While at Cambridge, I will take advantage of the wealth of experiences that both the

University and Great Britain have to offer, continuing to pursue and develop my academic and professional interests in business and biotechnology. Upon finishing my MPhil in Management Studies in Cambridge, I hope to pursue a career on the management & economics side of the biotech & pharmaceutical industries, eventually working into a position to advise public policy on health care issues.

**INTERESTS:**

Flyfishing, sailing, hiking/camping, horseback-riding, and travel.



**Mr Elvis Beytullayev**

Ukraine

**COURSE IN CAMBRIDGE:**  
PhD International Studies; Wolfson College

**PREVIOUS UNIVERSITIES:**  
Eastern Mediterranean University, Famagusta:  
BA (International Relations) 1999  
  
Bilkent University, Ankara:  
MA (International Relations) 2001

I am so delighted that I have been given such a great opportunity by the Gates Cambridge Trust and have been selected to study at the University of Cambridge. This is an important step in the realisation of my life-long objectives, which are to

contribute to the ongoing academic studies on the Russian/Eurasian region and take an active role in the democratisation and liberalisation process in my native Ukraine. I believe that the subject of Russian-Turkish relations is particularly appropriate. There have been a few studies on this issue, but none to date has penetrated below the surface. The availability of new evidence and my own determination will, hopefully, make it possible for me to make an original and useful contribution in the field of Turkish-Soviet relations.



**Ms Laura Garrison Bradford**

USA  
Kingsport, TN

**COURSE IN CAMBRIDGE:**  
MPhil Medieval and Renaissance Literature;  
Peterhouse College

**PREVIOUS UNIVERSITIES:**  
Davidson College, TN: BA

Cambridge represents for me the opportunity to study under renowned scholars while living in close proximity to architectural sites and art collections that will enrich my understanding of the

medieval period. Following completion of the MPhil, I will return to the United States to pursue a doctorate in British literature. I hope to then teach medieval literature at University level.

**INTERESTS:**

At Davidson College, I dedicated significant time to tutoring at local public schools and headed a volunteer organization my senior year. In my spare time, I enjoy biking, reading and knitting.



**Mr Ryan Brandeau**

USA  
North Canton,  
Ohio

**COURSE IN CAMBRIDGE:**  
MPhil Musicology; Jesus College

**PREVIOUS UNIVERSITIES:**  
Princeton University: AB Music

In the future, I hope to be a musicologist and complement my research with work as a choral conductor. As part of the MPhil, I will examine the vocal music of Restoration England, examining the intersections of religion, politics, and

gender as they relate to this repertoire. In addition to my academic work, I will sing in one of the College choirs, learning and performing a vast amount of choral literature. The combination of these activities will help nurture the symbiosis between music history and performance, so important in both musicology and conducting.

**INTERESTS:**

Choral and orchestral conducting, singing, arranging and composition, swimming and running.





**Mr Michal  
Branicki**

Poland

**COURSE IN CAMBRIDGE:**

PhD Applied Mathematics; Trinity College

**PREVIOUS UNIVERSITIES:**

Free University, Amsterdam, the Netherlands:  
MSc (Mathematical Physics) 2000

Warsaw University:  
MSc (Mathematical Physics) 2001

.....  
The Cambridge Department of Applied  
Mathematics and Theoretical Physics is one  
of those distinguished places where the very

active and fruitful research in fluid  
dynamics and magnetohydrodynamics  
stimulates scientists from various fields.  
The opportunity to learn from one of the  
best people in the field will give me the  
necessary experience and insight which is  
crucial to my future career as a scientist.  
Three years at Cambridge will give me the  
opportunity to return to Poland with  
outstanding knowledge and potential  
ability to support the development of  
topological fluid dynamics in my own  
country.



**Mr Marvin  
Braun**

Canada

**COURSE IN CAMBRIDGE:**

PhD Zoology; Sidney Sussex College

**PREVIOUS UNIVERSITIES:**

University of British Columbia: BSc, MSc

.....  
This opportunity to study at Cambridge  
gives me the ability to learn from some of  
the best instructors and students in the

world. I expect my time at Cambridge to  
give me a head start on the path to  
becoming a professor in biology. As a  
professor, not only will I be able to  
continue learning but will also be able to  
pass on that knowledge to another  
generation.

**INTERESTS:**

I enjoy writing, movies and competing in sports.



**Mr G Alex  
Bremner**

Australia

**COURSE IN CAMBRIDGE:**

PhD History of Art; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**

Deakin University:  
BA (Architecture) 1998, MA (Architecture) 2000

.....  
The Gates Cambridge Scholarship will  
enable me to study the history and theory

of British colonial art and architecture,  
which I hope will develop into a long term  
study and prospective academic career.

**INTERESTS:**

Australian rules football (highest junior level);  
secondary college athletics champion (twice);  
1st division rower for Caius Boat Club; captain,  
Cambridge University Australian Rules Football  
Club.



**Mr Mihai  
Brezeanu**

Romania  
Bucharest

**COURSE IN CAMBRIDGE:**

PhD Engineering; Churchill College

**PREVIOUS UNIVERSITIES:**

University 'Politehnica' Bucharest: BEng,  
MPhil (Engineering)

.....  
I would like to become a good researcher  
and teacher in the field of microelectronics.  
The Gates Cambridge Scholarship gives the  
opportunity to study in one of the most  
prestigious Universities in the world and to  
learn things from some of the most  
outstanding specialists in this field. I'm  
planning to learn as much as possible about

proven devices of silicon carbide, the subject  
of my PhD programme. I hope to use this  
information in my future career. I'm also  
very anxious to find out how a research  
laboratory is organised because one of my  
goals is to start a laboratory in my native  
country, Romania. I look forward to  
meeting new people and making new  
friends from all over the world. Being a  
Gates Scholar will give me the opportunity  
to meet other Gates Scholars and this will  
enlighten the accomplishment of my dream.

**INTERESTS:**

Cinema, theatre, sports, climbing, travel, playing  
football, table tennis, journalism.



**Mr Luis  
Briseno-Roa**

Mexico

**COURSE IN CAMBRIDGE:**

PhD Chemistry; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**

National University of Mexico:  
BA (Biology) 1999, MSc (Biochemistry) 2001

**INTERESTS:**

Table tennis, basketball, dance, music, reading,  
playing small Mexican guitar and travel.

My academic interests are centred around biology, especially evolution. What we learn from our surroundings can be useful for understanding ourselves; thus I hope my graduate studies will allow me to grow both academically and personally.



**Miss Esther  
Marcella  
Macleod  
Bulloch**

New Zealand

**COURSE IN CAMBRIDGE:**

PhD Chemistry; Christ's College

**PREVIOUS UNIVERSITIES:**

Massey University, New Zealand:  
BSc (Chemistry and Biochemistry) 2001

organic chemistry. I believe that this will provide a strong foundation upon which to build a future career in research.

**INTERESTS:**

Soccer, playing the piano, biking, bush walking (Duke of Edinburgh Award).

At Cambridge I will be involved in a multidisciplinary project spanning molecular biology, biochemistry, and



**Mr Thomas  
Buttler**

Germany

**COURSE IN CAMBRIDGE:**

PhD Chemistry; Pembroke College

**PREVIOUS UNIVERSITIES:**

Bielefeld University, Germany:  
MSc (Chemistry/Physics) 2000

University of Cambridge:  
MPhil (Organic Chemistry) 2001

Fleming's group in Cambridge. With help from the Gates Cambridge Trust, my PhD course will broaden my knowledge in the best way possible for future research in the study of asymmetric synthesis – the most important approach towards new and more powerful drugs such as anti-tumour agents, antibiotics and immunosuppressants.

**INTERESTS:**

Reading, music (classical and jazz), British/American/Asiatic societies and cultures, insectivorous plants and the philosophy of science.

My studies at the University of Bielefeld in Germany in 1997 included inorganic, organic and physical chemistry as well as physics. Finally, I focused on organic chemistry and applied to join Professor Ian



**Mr Matei  
Candea**

Romania  
(French citizen)

**COURSE IN CAMBRIDGE:**

PhD Social Anthropology; Emmanuel College

**PREVIOUS UNIVERSITIES:**

University of Cambridge:  
BA (Social Anthropology) 2001

policy-making, or perhaps (in an increasingly inter-disciplinary world) in both.

**INTERESTS:**

Music (play guitar), literature, theatre, acting and policy making.

I see a PhD in Social Anthropology, dealing with an issue [regional education] which is of increasing relevance to European policy, as a first step either towards a career in academic anthropology or in European



**Miss Daniela Canestrari**

Italy  
Pavia

**COURSE IN CAMBRIDGE:**  
PhD Zoology; Emmanuel College

**PREVIOUS UNIVERSITIES:**  
University of Pavia: MS (Natural Sciences) 2001

I find research on animal behaviour very stimulating and I hope to be able to continue with this activity after my PhD.

**INTERESTS:**

Outdoor activities such as trekking, camping, canoeing and horse riding in the countryside. I enjoy travel and reading books.



**Mr Rodrigo Ernesto Caputo Galarce**

Chile

**COURSE IN CAMBRIDGE:**  
PhD Economics; Churchill College

**PREVIOUS UNIVERSITIES:**  
University of Chile: BSc (Economics) 1996,  
MA (International Relations) 1998

I come from a Third World country where there are many areas in which a professional approach is needed to fight poverty and inequality. My main area of research in Cambridge is monetary economics in emerging economies like that of Chile. In a developing country it is of vital importance to have clear

macroeconomic policies in order to avoid excessive fluctuations in output and employment and to keep inflation at lower levels. A balanced monetary policy leads to stabilisation of prices and to an increased level of social welfare. I hope my research will shed some light on how an efficient monetary policy affects emerging economies. Cambridge has provided me with invaluable support and orientation, and my research experience has been very stimulating. After my PhD I expect to return to Chile with a better understanding of the problems that Chile faces as a developing country, and the knowledge and expertise to design effective monetary policy.



**Ms Eva Casal**  
Spain

**COURSE IN CAMBRIDGE:**  
PhD Biochemistry; St John's College

**PREVIOUS UNIVERSITIES:**  
Imperial College of Science Technology and Medicine, University of London:  
BSc (Biochemistry) 2001

My PhD course at Cambridge will help me achieve my goal to work in a pharmaceutical company, or research institute, on a disease-related area.

**INTERESTS:**

Travel by car, history of art, mountain trekking, reading, running, swimming and socialising.



**Mr Nilanjan Chakraborty**

India

**COURSE IN CAMBRIDGE:**  
PhD Engineering, Trinity College

**PREVIOUS UNIVERSITIES:**  
Jadavpur University: BEng 1999;  
Indian Institute of Science: MEng 2001

The understanding of fire – to be specific, combustion – is not total. In addition, the turbulent flow (itself not completely understood) further complicates the problem. My objective is to expose and

understand the unexplored physics of turbulent combustion and develop new models for use in industry which provide accurate estimations of combustion performance. A future career in research and development will enable me to contribute positively to the industry, my ultimate aim being to provide an efficient and environmentally friendly combustion.

**INTERESTS:**

Freehand sketching; listening to music.



**Mr Khai Leok Chan**

Singapore

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Peterhouse

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: 2002 MSci (Chemistry)

I have taken the opportunity of university vacations in the past few years to travel to the less developed countries – Benin, Mali, Honduras, Kyrgyzstan, Rwanda ... Not only do these places offer the most

interesting, vibrant and pristine local culture, their people are often the most amicable and welcoming, and this has given me great opportunities to walk deep into their society and experience life at the other end of the globe. They have touched my life, and I wish for the day when perhaps, in a different way, I would be able to reciprocate.

**Mr Pak Ho Chan**

Hong Kong

**COURSE IN CAMBRIDGE:**

PhD Chemistry; St Edmund's College

**PREVIOUS UNIVERSITIES:**The Hong Kong Polytechnic University:  
BSc (Chemical Technology) 2000, MPhil 2002

I wish to pursue my future career in  
academia and to develop my future

research in relation to the improvement  
of human health. It is my wish to  
contribute my scientific knowledge to  
society through teaching and carrying out  
research.

**INTERESTS:**

Basketball and table tennis.

**Mrs N  
Chatterjee**

India

**COURSE IN CAMBRIDGE:**

PhD History; St Catharine's College

**PREVIOUS UNIVERSITIES:**Jadhavpur University: BA 1997  
Jawaharlal Nehru University:  
MA (Modern History) 1999, MPhil 2001

I hope that the Cambridge degree will be a  
stepping stone to a life of research and  
teaching, which might add a little to our

knowledge of colonialism, class and race,  
and the place of religion within this context.

**INTERESTS:**

Indian classical, various folk forms of music,  
trained singer, pencil sketching and oil-painting,  
Old Masters, story-telling/various narrative forms  
– I hope whilst at Cambridge to be able to tell a  
few stories from points of view that are too  
infrequently heard. Personal philosophy and political  
orientation aimed at social change in favour of the  
under privileged.

**Mr Ronjun Chen**China  
Taizhou City**COURSE IN CAMBRIDGE:**

PhD Chemical Engineering; Clare Hall

**PREVIOUS UNIVERSITIES:**Beijing Technology and Business University:  
BEng 1999  
Tsinhua University: MSc Material Science 2003

I have made a deliberate decision to  
further my study in the field of Chemical  
Engineering, focusing my research on the  
interdisciplinary combination of polymer  
and biotechnology. This is an active

frontier in research. The advanced  
knowledge and skills I will bring back  
from the Department of Chemical  
Engineering in the University of  
Cambridge (a world famous University)  
will be relevant to the needs of the  
development of my homeland. My long  
cherished dream is to find a research  
position in a university or R & D lab of  
China to do something beneficial in the  
field of Chemical Engineering.

**INTERESTS:**

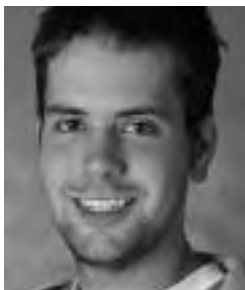
Music, travel, swimming, roller-skating, table tennis.

**Mr Justin S Chenevier**

Australia

**COURSE IN CAMBRIDGE:**

PhD Legal Studies; Pembroke College

**PREVIOUS UNIVERSITIES:**University of New South Wales:  
Bachelor of Commerce 1991;  
University of Sydney: LLB 1999, LLM 2003**INTERESTS:**Black and white photography, screenwriting and  
film production/direction and writing short stories.**Mr Daniel  
Choate**USA  
Louisville,  
Kentucky**COURSE IN CAMBRIDGE:**

MPhil in Economics; Queens' College

**PREVIOUS UNIVERSITIES:**Northwestern University:  
BA (Integrated Science) 2001

Black and white photography, screenwriting and  
film production/direction and writing short stories.



**Mr Semil P Choksi**

USA  
Georgia

**COURSE IN CAMBRIDGE:**  
PhD Genetics; Churchill College

**PREVIOUS UNIVERSITIES:**  
University of Georgia:  
BSc (Genetics and Mathematics) 2001

I plan to pursue a PhD in Genetics, and to do research and teach at university level when I return home.

**INTERESTS:**

Playing guitar and Djembe (West African Drum), UGA ballroom performance group, music, dance (salsa international congress), movies and travel.

**Mr Mun-Kit Choy**

Malaysia  
Kuala Lumpur

**COURSE IN CAMBRIDGE:**  
PhD Plant Sciences; Clare Hall

**PREVIOUS UNIVERSITIES:**  
University of Malaya: BSc

I have chosen Genetics and Molecular Biology as my major because I have been pursuing a career as a scientist who can elucidate the basic mechanisms of biological phenomena. I have done a cytogenetic study on Malaysian bananas and a molecular investigation on MICA, one of the HLA genes. In my PhD project,

I will be looking at the role of chloroplasts in regulating the expression of nuclear genes encoding photosynthesis proteins. This research will provide me necessary training to become a mature scientist contributing knowledge to my people and all human beings. Besides science, I am also interested in literature, history, philosophy and culture. From these interests, I can think a lot and appreciate everything better.



**Mr Alessio Ciulli**

Italy  
Florence

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Wolfson College

**PREVIOUS UNIVERSITIES:**  
University of Florence: Bachelors (Chemistry) 2001

My research aims at understanding the nature of protein-ligand interactions and their crucial importance in biological processes such as signalling and inhibition. For these purposes, various biophysical techniques will be used and developed

towards potential applications to discover novel drugs. I believe my experience at Cambridge will be invaluable and will provide me with a strong basis for a future career of research in drug discovery. I am thankful to the Gates Cambridge Trust for giving me this opportunity.

**INTERESTS:**

I enjoy sports (cycling, tennis, football, skiing, horse riding and others), listening to music and playing guitar.



**Mr Zachary David Clopton**

USA  
San Diego,  
California

**COURSE IN CAMBRIDGE:**  
MPhil International Relations; Clare College

**PREVIOUS UNIVERSITIES:**  
Yale University: BA History and Political Science

In the long run, I desire to help my fellow man. This sounds trite, but it is the truth. In a world of increasing interconnectedness, the role of international law is expanding. As Westphalian sovereignty is challenged, states cannot be content with strictly domestic policy. Instead law and policy must be globalized, not just for the benefit of states, but for people too. In this context, I intend to pursue a career that integrates international relations and international law

– two disciplines that seem to be inextricably linked yet in practice have alienated each other for decades. The Gates Scholarship will allow me to prepare myself for this venture, setting the stage for a career in the international arena. Whether it be with a national government, international organization, or private institution, I believe that this synthesis of politics and law is a necessary prerequisite for my overall goal of helping people.

**INTERESTS:**

Academic Interests: international law and politics, history, political economy, government. Other interests: sports, politics, music and film.



**Mr David  
Conlon**

Ireland  
Lanesboro

**COURSE IN CAMBRIDGE:**  
Certificate of Advanced Study in Mathematics

**PREVIOUS UNIVERSITIES:**  
Trinity College, Dublin: BA (Mathematics)

I hope to further my studies in mathematics by doing the certificate of advanced study in mathematics. I hope then to continue on to pursue a PhD in mathematics or mathematical physics in Cambridge and to

become a research mathematician. I feel that being a gates scholar will give me a wonderful opportunity to devote myself freely to fulfilling these aims.

**INTERESTS:**

My favourite hobby is juggling. It's something I find both relaxing and stimulating at the same time. I also enjoy music, cinema, reading and jogging.



**Ms Kathleen  
Helen Corriveau**

USA  
Portsmouth,  
Rhode Island

**COURSE IN CAMBRIDGE:**  
MPhil Education; Darwin College

**PREVIOUS UNIVERSITIES:**  
Brown University: ScB (Cognitive Neuroscience)  
Harvard University:  
M.Ed (Mind, Brain and Education)

Both my academic and extra-curricular pursuits are centered around my commitment to improving education for all students. To do this, I plan to pursue a career at the intersection of cognitive neuroscience and education. My goal is to become an expert in both fields because a better understanding of the relationship between the two is crucial in order to fuse research with practice. The Gates

Cambridge Scholarship will allow me to experience working with the learning-disabled community in the UK before pursuing a PhD in cognitive neuroscience. Using the UK and the US models, I will synthesize cognitive neuroscience and educational policy to determine the most effective method of teaching learning-disabled children. A Gates Cambridge Scholarship provides me with the necessary training to conduct groundbreaking clinical research, and to promote leadership in this new area of scientific inquiry.

**INTERESTS:**

Ballroom dance, ice hockey, music, intellect, volunteer teaching of science to young children.



**Mr Kristopher  
Coventry**

Australia  
Melbourne

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Queens' College

**PREVIOUS UNIVERSITIES:**  
University of Melbourne:  
BE & BSc (Chemistry)

My two main goals are to complete my PhD in Chemical Engineering and to row in the Blue Boat at Cambridge for a second time. In the longer term

I hope to be able to use the skills I will develop through my PhD to make a contribution to the polymers industry in Australia.

**INTERESTS:**

All things outdoors when time and weather allow – rowing, skiing, bush-walking, playing Australian rules football (badly) and supporting Collingwood football club.



**Mr Aiden Craig**

USA  
Sacramento,  
California

**COURSE IN CAMBRIDGE:**  
PhD Physics; Homerton College

**PREVIOUS UNIVERSITIES:**  
UC Berkeley: BA (Physics)

Science has always been my calling; even my second-grade stories are filled with spaceships to the moon and giant microscopes. As such, I hope to make scientific research into a career, and enter academics as a tenured professor of

physics.

**INTERESTS:**

Hiking, biking, camping, and otherwise getting grubby outdoors, literature, cooking, popular music, philosophy, kendo, handkido, and kenpo karate.



**Mr Martin Dawidowicz**

Sweden  
Stockholm

**COURSE IN CAMBRIDGE:**  
PhD International Law; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Oxford Magister Juris (2002)  
University of Stockholm Jur. Kand. (2001)  
University of Uppsala Diploma in  
International Economics (1996)

International law caught my attention from the start of my legal studies. My particular interest – which I discovered while studying

at Oxford – is the system of sanctions, a topic which lies at the core of the international legal order as one of its main problems today is not a lack of obligations but how to enforce them effectively. As I come from a relatively small country I like the idea of a more inclusive international society. I expect that my doctoral studies at Cambridge will prepare me to contribute from academia to the realisation of this aim..

**INTERESTS:**  
Tennis and music.



**Mr Stijn De Schepper**

Belgium  
Maldegem

**COURSE IN CAMBRIDGE:**  
PhD Geography; Wolfson College

**PREVIOUS UNIVERSITIES:**  
University of Ghent 2000: BSc (Geology)  
Université de Liège 2001:  
MSc (Applied Palaeontology)

My research at the University of Cambridge will focus on the assessment and understanding of sea level fluctuations

and climate change during a specific period of Earth's history using marine micropalaeontology. A study of past environmental changes gives insights in the present day climatic phenomena. I am very grateful to the Gates Cambridge Trust for enabling me to pursue my study, which I hope to continue in a future career in research.

**INTERESTS:**  
Sports, mainly soccer and swimming, music and travel.



**Mr Simon De Smet**

Belgium  
Gent

**COURSE IN CAMBRIDGE:**  
PhD International Law; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**  
Lund University; University of Gent;  
Columbia Law School: LLM

It is my intention to combine scholarship in International Law with practice in human rights. I hope that this will create a synergy that will enhance both my teaching skills and my effectiveness as a lawyer. Being a

Gates Scholar in Cambridge will certainly help my academic development and hopefully already create some opportunities for actual case work. By the time I graduate, I hope to have laid the foundation for both an academic career and gained enough experience to start helping people in their legal struggle for justice and human rights.

**INTERESTS:**  
Classical music, with a special interest in modern and contemporary composers, piano playing, karate-do.



**Mr Tim Deegan**

Ireland  
Dublin

**COURSE IN CAMBRIDGE:**  
PhD Computer Science; Emmanuel College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
BA (Computer Science)

In the long term, I want to keep working in computer science research, and I hope that a PhD from Cambridge will help me make a career as an academic researcher.

**INTERESTS:**  
Travel, mediaeval history and classics, playing the classical guitar.

**Mr Brian Dillon**

USA  
East Lansing, MI

**COURSE IN CAMBRIDGE:**

Diploma Economics; Darwin College

**PREVIOUS UNIVERSITIES:**

Loyola University, Chicago:  
BA Philosophy 2000, BS Mathematics 2000

I plan to pursue a career in the research and formation of developmental and trade policy, particularly in regard to the

relationship between the US and the developing world. I am excited by the prospect of working with the assistance and co-operation of Gates Scholars worldwide.

**INTERESTS:**

Association football, cycling, Norman Maclean, Mark Twain, Wilco and the Chicago Cubs.

**Mr Alex Domin**

Germany  
Bottrop

**COURSE IN CAMBRIDGE:**

PhD Chemical Engineering; Emmanuel College

**PREVIOUS UNIVERSITIES:**

Stanford University: BSc, MSc (Biology) 1998

Throughout college, and in my four years of professional work since, I have been conducting research in various aspects of oncology, from gene therapy to autologous bone marrow transplants to rational drug

design. I hope to combine my experience in molecular biology with the chemical engineering knowledge I will acquire at Cambridge to make a difference in the fight against cancer. I also look forward to being part of a vibrant academic community again.

**INTERESTS:**

Time with friends, skiing, SCUBA diving, racquet sports, soccer (football), rollerblading, tutoring, travel, music, fire spinning, theatre.

**Ms Sarah Dry**

USA  
Philadelphia, PA

**COURSE IN CAMBRIDGE:**

PhD History and Philosophy of Science;  
St John's College

**PREVIOUS UNIVERSITIES:**

Harvard College:  
BA (History and Literature of America);  
London Centre for the History of Science,  
Technology and Medicine (Imperial College,  
London);  
MSc (History of Science, Technology and Medicine)

I plan to write books and articles on science, technology and medicine for a popular audience. I hope to use the research, writing, and analytical skills I gain doing the PhD to create compelling

stories that make complex scientific issues accessible to a non-scientific audience. In general, I think the methodological challenges of writing good history – what are the central questions? who are the main players? – are very similar to the challenges of writing responsibly and engagingly for a wide audience. In particular, I am interested in investigating changing attitudes towards risk, safety and technological systems in the past (19th century Britain) with an eye towards better understanding current issues.

**INTERESTS:**

Cycling, cooking, reading, movies, museums, travel, learning foreign languages.

**Ms Ludmila Du Bouchet**

France  
Paris

**COURSE IN CAMBRIDGE:**

MPhil International Relations, Trinity College

**PREVIOUS UNIVERSITIES:**

Ecole Normale Supérieure, Paris, University of Paris X-Nanterre: Licence (3rd year degree maitrise);  
l'nstitut d'Etudes Politiques de Paris:  
(Masters Political Philosophy)

I intend to pursue research activities on the contemporary Middle East within an international organisation or a research institution affiliated to a government. I am hoping to deepen my knowledge of both the Arabic language and of local contexts in order to help designing in the future relevant and coherent policies in

the region, and ultimately to have a substantial political impact in this field. Being a Gates Scholar will enable me to go on with my postgraduate and doctoral studies and research in Cambridge. It will make it possible for me to accomplish my goals in every aspect and in the best conditions – language learning, regional experience and fieldwork.

**INTERESTS:**

I enjoy travelling in the Middle East, particularly in Yemen which is my main field of research and interest. More generally, I like classical music and Russian literature. I am very interested in French poetry, especially of the second half of the 20th century.





**Dr Robert Bela Dudas MD**

Hungary

**COURSE IN CAMBRIDGE:**

PhD Psychiatry; Robinson College

**PREVIOUS UNIVERSITIES:**

Albert Szent-Gyorgyi Medical University:  
BA 1998, MD 1999

My current research aims to better understand and diagnose major causes of mental decline, e.g. Alzheimer's disease. Currently, I am involved in different projects in the Cambridge Memory Clinic, and in

addition to continuing my training in psychiatry, I am intending to explore the potential applications of my research findings in direct health care, get involved in international research collaborations, and health policy making. Being a Gates Scholar and completing a PhD degree in Cambridge will provide a good basis for this.

**INTERESTS:**

Classical music, philosophy, fine arts, swimming, cycling.



**Miss Caroline Maria Sofie Ekblad**

Sweden

**COURSE IN CAMBRIDGE:**

PhD Chemical Biology; Trinity College

**PREVIOUS UNIVERSITIES:**

Linköping University:  
MSc (Engineering Biology) 2001

My belief is that a PhD degree from the well-reputed Cambridge University, offering top-level research, will facilitate my future career within the biotechnology industry. The wide

environment of Cambridge is an ideal setting for the purpose of my studies because of the concentration of many leading research centres in biology. I hope for personal development as well as a contribution towards the understanding of breast cancer – the topic of my research.

**INTERESTS:**

Vice President, auditor/member study committee of engineering biology, foreign countries, languages and cultures.



**Mr Mohammed Samir El-Bachir**

Algeria

**COURSE IN CAMBRIDGE:**

PhD Chemical Engineering; Churchill College

**PREVIOUS UNIVERSITIES:**

University of Sheffield:  
MEng (Chemical and Process Engineering with Fuel Technology) 2001

I find a great deal of pleasure in doing something completely new and challenging. Studying for a PhD degree at Cambridge will fulfil a personal aim and add an unequalled bonus to my CV. For a young engineer such as myself, who wants a career in research, this is the best starting point.

**INTERESTS:**

Weight lifting, running, swimming, occasional football, chess, drawing cartoons, playing computer strategy games.



**Ms Julie C Elkner**

Australia

**COURSE IN CAMBRIDGE:**

PhD History; King's College

**PREVIOUS UNIVERSITIES:**

University of Melbourne:  
BA (Russian Language and History) 1997,  
MA (History) 2000

My research at Cambridge will follow on from themes that have emerged in my work to-date, including state-sponsored violence, democratisation, human rights, the war in

Chechnya, and my MA research on the Russian Committees of Soldiers' Mothers (a grassroots organisation aimed at protecting the human rights of Russian conscripts). I have a strong commitment in these areas of research and teaching, which will help me to build links across national and cultural boundaries.

**INTERESTS:**

Russian culture and history.



**Mr Friedel TJ Epple**

Germany  
Berlin

**COURSE IN CAMBRIDGE:**  
PhD Theoretical Physics; Clare Hall

**PREVIOUS UNIVERSITIES:**  
Heidelberg (Vordiplom)  
University of Cambridge; CASM  
HU Berlin (Diplom)

I plan towards an academic career in theoretical physics. Cambridge is a great place to learn and live in and I am looking

forward to coming here once again. The Gates Scholarship makes it possible for me to study in this inspiring environment and it will provide me with many interesting contacts.

**INTERESTS:**  
Cycling, hiking, travel, films and literature.



**Miss Isil Erol**

Turkey

**COURSE IN CAMBRIDGE:**  
PhD Land Economy; Downing College

**PREVIOUS UNIVERSITIES:**  
Middle East Technical University:  
BA (Regional and City Planning) 1998,  
MA (Economics) 2000

Planning is at the intersection of the disciplines of geography, economics, politics, architecture and law. In order to be a successful planner, it is necessary to be competent in at least one of these disciplines. My undergraduate study on urban economics, and my Masters degree in economics, have provided a

strong economic framework to my planning studies. My ultimate aim is to become an academic, and obtaining a PhD degree from Cambridge University is very important to my future plans. Studying for an MPhil degree in land economy has afforded me the best opportunity to combine my urban planning background with my economic studies. My PhD research will focus on finance and investment analysis of the real estate market. Since this subject is not a well-developed research area in my home university, and is a newly developed concept in Turkey, knowledge gained whilst studying at Cambridge will provide the basis for a strong academic career.



**Mr Pierre Far**

Jordan

**COURSE IN CAMBRIDGE:**  
PhD Genetics; Magdalene College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
BA (Natural Sciences) 2001

My proposed research on mycolic acid bacteria will investigate therapeutics production in bacteria. Having an industrial backdrop, coupled to a scientific

approach, the project will hopefully provide a solid ground for me to enter into the biotechnology field.

**INTERESTS:**  
Basketball, volleyball, Science Society (committee), computer programming, web site design and astronomy.



**Miss Ila Fazio**

Brazil

**COURSE IN CAMBRIDGE:**  
PhD Biological Anthropology; King's College

**PREVIOUS UNIVERSITIES:**  
Federal University of Rio de Janeiro,  
Institute of Arts:1995–99;  
University of Sao Paulo: BSc (Bio-Sciences) 2000

Although Brazil has a cultural and ecological richness, biological anthropology as an academic and applied subject (with its potential for integrating history, ecology, biology and culture) has been almost non-existent so is now one of Brazil's 'priority fields'. My aim is to explore the underlying mechanisms of isolation among

neighbouring communities and to pose questions about their demographic patterns of local isolation and form of maintenance. The Gates Cambridge Scholarship will provide me with a unique opportunity to develop my academic career in an area that is not available at home. My research experience will be essential to my long-term aim to help develop a new generation of Brazilian biological anthropologists. The development of this field of study in my country will bring important benefits, both in its application to Brazil's current social, demographic, ethnical, nutritional problems and in future academic terms.



**Mr Patricio Feres**

Chile  
Santiago

**COURSE IN CAMBRIDGE:**  
PhD Economics; Churchill College

**PREVIOUS UNIVERSITIES:**  
Pontificia Universidad Catolica de Chile:  
BSc & CEng in Engineering

University of Cambridge: MPhil in Economics

In the future, I expect to play a leading role in the development of technology policies in Chile. I feel sure that my current studies, combined with my undergraduate degree and my working experience, will allow me to lead new projects, form multidisciplinary teams and harness the knowledge, experience and contacts acquired while studying abroad.

I expect to identify other countries where relevant programmes have been implemented and adapt these to the Chilean reality. I also would like to work in Chile's extreme zones, to take advantage of the opportunities that these regions present (in terms of new alternatives of high-value exports in the various natural resources sectors).

**INTERESTS:**

Cinema (especially European contemporary cinema), politics (I participated in the student Union at my university in Chile and was frequently involved in social and political debates), travel (especially to large, multicultural, energetic cities – Paris, London, NY, Madrid) and football (member of the Faculty of Economics and Churchill College football teams).



**Mr Oliver Fischer**

Germany  
Cologne

**COURSE IN CAMBRIDGE:**  
PhD Management Studies; Peterhouse

**PREVIOUS UNIVERSITIES:**  
Cologne University: Vordiplom Psychology 1998,  
Diplom Psychology 2001,  
Vordiplom Economics 2000

University of Cambridge: MPhil (Management) 2002

My ideal is to combine the intellectual challenges of an academic career with the practical and societal relevance of an applied context. Upon completion of my PhD, research and teaching will help me

maintain an analytic focus. At the same time, working in either industry or government for a limited period of time will ensure that my research remains in touch with the real world. Real-life problems necessitate approaches that integrate theory and practice and go beyond the boundaries of a single discipline. The PhD at the Judge Institute in Cambridge will prepare me for this undertaking.

**INTERESTS:**

Philosophy (esp. epistemology), politics, music, sports (archery, sailing).



**Mr Gavin Foh**

Singapore

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Churchill College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: BA (Engineering), MEng

My future goal is to be an expert in control systems and contribute towards the design of engineering systems. In so doing, I hope to promote Engineering Science in Southeast Asia and raise the standards of science and technology around the region.

**INTERESTS:**

Sports: Tennis, table-tennis and soccer.

**Ms Julia Rebecca Foreman**

USA

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Magdalene College

**PREVIOUS UNIVERSITIES:**  
Harvard University: AB (Chemistry) 2002



**Miss Kathryn  
L. Franko**

USA  
Buffalo

**COURSE IN CAMBRIDGE:**  
PhD Physiology; Wolfson College

**PREVIOUS UNIVERSITIES:**  
Cornell University:  
BS (Neurobiology and Behavior) 2001

**INTERESTS:**  
Gender studies, small business development,  
charcoal drawing, travel and debate.

My research focuses on maternal and child health and nutrition in relation to the fetal origins of adult disease hypothesis. I hope to use this knowledge in academia or in the public sector.



**Ms Linet Frey**

Estonia  
Tartu

**COURSE IN CAMBRIDGE:**  
PhD English & Applied Linguistics;  
Sidney Sussex College

**PREVIOUS UNIVERSITIES:**  
University of Tartu, Estonia:  
BA (English Language and Literature) 2000,  
Diploma (English Language Teaching Methodology)  
2001,  
MA (English Language and Literature) 2002

University of Cambridge:  
MPhil (English and Applied Linguistics) 2002

After graduating with a PhD from Cambridge I would like to start working in my home university in Tartu, Estonia to develop the field of Applied Linguistics in general and Psycholinguistics in particular. I intend to work towards getting international recognition to the university and restore its once well-known school of linguistics.

**INTERESTS:**  
Rowing, ballroom dancing, languages.



**Mr Rogelio  
Miguel Angel  
Galindo III**

USA  
New York

**COURSE IN CAMBRIDGE:**  
PhD Social and Political Science; Downing College

**PREVIOUS UNIVERSITIES:**  
Cornell University:  
BSc (International Relations) 2001

and the revolution in military affairs. My PhD research at Cambridge examines the strategic consequences of September 11 on the US-UK relationship.

**INTERESTS:**  
Community work, meeting people, travel, movies,  
dance, debate, chess, and various athletic activities.

Influenced by the current international political environment and my longstanding interest in national security, my primary field of study is post-September 11 US-UK defence policy. In particular, I am interested in theories related to alliance frameworks



**Miss Hua Gao**

PR China  
Wuhan City

**COURSE IN CAMBRIDGE:**  
PhD Chemical Engineering; Pembroke College

**PREVIOUS UNIVERSITIES:**  
Beijing University of Chemical Technology:  
BEng (Biochemical Engineering) 1999,  
MEng (Biochemical Engineering) 2002

companies, I know for sure that my life has been inseparable from this interesting area, which is full of opportunities and challenges. PhD studies in Cambridge will help me to realize my dream of being an outstanding engineer in this area.

When I was a little girl, I had strong curiosity on little creatures and unexpected chemical reactions, which were operated by my father, who is a chemist. I kept these interests until I went into college. After 7 years of studies in Biochemical Engineering, including the beneficial internships in some large

**Mr Michael Gardner**

South Africa  
Cape Town

**COURSE IN CAMBRIDGE:**  
PhD Plant Sciences; Corpus Christi College

**PREVIOUS UNIVERSITIES:**  
University of Natal:  
BSc (Chemistry, Molecular Biology, Botany),  
BSc (Molecular Biology)  
  
University of Cape Town: MSc

**My goals are to complete my PhD, and to pursue research that promotes real improvement in the lives of individuals. I**

am particularly keen to contribute to an understanding of plant biology so that we can develop ways of managing factors that affect human development without impacting on our environment. I hope to use my qualifications to teach and help where I can.

**INTERESTS:**  
Mountaineering, hiking and travel – basically anything that involves nature, the outdoors and new cultures or ideas. I maintain long-term interests in history, Jungian psychology and eastern philosophy.

**Mr Axel Gelfert**

Germany

**COURSE AT CAMBRIDGE:**  
PhD History and Philosophy of Science;  
Wolfson College

**PREVIOUS UNIVERSITIES:**  
Humboldt University of Berlin:  
Masters in Physics, 2000  
  
University of Cambridge: MPhil (History and Philosophy of Science and Medicine) 2001

**I believe that by cutting across the ever increasing number of scientific disciplines,**

the study of History and Philosophy of Science provides the tools for analysing and improving our understanding of the relationship between science and technology, and society.

**INTERESTS:**  
Organiser – student conference to mark 50th anniversary of Max Planck's death (1996); Oxford-Berlin Forum, Humboldt University (February 2000).  
Co-founder and team member – company developing medical software for handheld devices.  
Playing the piano.

**Ms Michelle Sara Gentile**

USA  
Oak Brook, Illinois

**COURSE IN CAMBRIDGE:**  
MSc Oncology; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Illinois, Chicago:  
BA (Biology, English)

**I am intrigued by the complex genetic mutations that lead to the evolutions of cancers. I desire to not only contribute to and understanding of these mutational pathways, but to use this understanding to develop targeted therapies individualized to**

fit a precise genetic profile of cancer. During my time spent at Cambridge, I hope to use modern molecular biology techniques to participate in the molecular staging of colon cancer, and I hope to establish the ideal foundation for my future role as researcher, medical practitioner, and academic, pursuing public consciousness of the cancer problem.

**INTERESTS:**  
Running, flying, mentoring, drawing, travel, reading Victorian, Caribbean, and multi-ethnic literature, writing.

**Mr Nathan Darden George**

USA  
Cary,  
North Carolina

**COURSE IN CAMBRIDGE:**  
Certificate of Advanced studies in Mathematics;  
Emmanuel College

**PREVIOUS UNIVERSITIES:**  
North Carolina State University: BS in Applies Math,  
BA in French, BA in Physics, MS in Pure Math

**Eventually, I plan to teach mathematics and do research at the University level. Cambridge has a long history of excellence in Mathematics as well as the oldest and most famous math exam in the world. I feel that the faculty at Cambridge would well-prepare me for research in the future. As for the Gates Scholar group, I am amazed at the strong ties established within its**

short history. Knowing that I'll be a part of such a group of individuals who want to make an impact on the world, not only in their field of study, but also in their local communities, is very encouraging and makes me feel at home already. I am ecstatic to have such an opportunity!

**INTERESTS:**  
Competitive swimming (sprint freestyle); trumpet, esp. jazz and british brass band; travel; foreign languages: French, Italian, Dutch, Spanish, Greek, and Russian; Service: Global Habitat to Dominican Republic, worked at orphanage in Peru, helped organize medical missions trip to Botswana; restore classic Mustangs.



**Miss Jennifer Marie Gibson**

USA  
Michigan

**COURSE IN CAMBRIDGE:**

PhD International Relations; Sidney Sussex College

**PREVIOUS UNIVERSITIES:**

Alma College: BA (Foreign Service) 2001

**INTERESTS:**

Reconstructed a local Jewish cemetery in Wroclaw, Poland, destroyed during the Holocaust. Reading softball, travel, hiking.

My aim is to assume a policy-making role in the US Foreign Service.



**Ms Susanna Goldfinger**

USA  
New York, NY

**COURSE IN CAMBRIDGE:**

MPhil Medieval and Renaissance Literature; King's College

**PREVIOUS UNIVERSITIES:**

University of Pennsylvania: BA (English)

to the States after receiving an MPhil to complete graduate studies., and then teach English at university level. For the past two years, I have been working as a grant writer at New York City's public radio station.

**INTERESTS:**

Yoga, exploring new cities, drinking tea.

The Gates Cambridge Trust Scholarship will allow me to pursue my academic interests, which include early modern literature, culture and aesthetics, and the history of the written word. I plan to return

**Mr Paul James Goulart**

USA  
Massachusetts

**COURSE IN CAMBRIDGE:**

PhD Engineering; Chruchill College

**PREVIOUS UNIVERSITIES:**

MIT: BSc (Aeronautics and Astronautics) 1998, MSc (Aeronautics and Astronautics) 2001



**Ms Jessica Adrienne Grahn**

USA  
Utah

**COURSE IN CAMBRIDGE:**

PhD Brain Repair; Wolfson College

**PREVIOUS UNIVERSITIES:**

Northwestern University: BA (Neuroscience) 1999, BMus (Piano Performance) 1999

general sense. Every day musicians call upon many different skills, and I am interested in how and where these abilities are learned, stored, and retrieved in the brain, as well as how the brain changes in response to musical practice.

**INTERESTS:**

Music perception and production, localisation of music processes in the brain, brain plasticity. Piano; cello; camping; hiking; competitive speaking.

My current course will give me the background and resources to begin research into how humans perceive and produce music, and what musical processing can tell us about how the brain works in a more

**Ms Sally Gras**Australia  
Melbourne**COURSE IN CAMBRIDGE:**

PhD Physics; Trinity College

**PREVIOUS UNIVERSITIES:**The University of Melbourne:  
Science (Biochemistry and Molecular Biology),  
BEng (Chemical) 2002

My long term ambition is to take leading role in the research and development of biotechnology for solving global health and environmental problems. My fascination is with polymeric biomaterials and

nanotechnology and I hope to facilitate a bridge over the existing gaps between the biochemical, molecular and physical techniques that are fundamental to these technologies. At Cambridge I will study the potential of amyloid fibrils to act as nanomaterials. This will also provide insight into medical innovation and intellectual transfer.

**INTERESTS:**

Genealogical research, yoga, hockey, swimming, and mountaineering. I have also been involved in mentor and leadership programs.

**Mr David  
Anthony Green**USA  
Massachusetts**COURSE IN CAMBRIDGE:**

PhD Criminology; St John's College

**PREVIOUS UNIVERSITIES:**Worcester State College:  
BSc (Urban Studies) 1997University of Cambridge:  
MPhil (Criminology) 2001

My proposed PhD course in Criminology will enable me to investigate means of narrowing the gap between criminological research knowledge and penal practice in order to make sensible and effective penal policy a real possibility.

**INTERESTS:**

Played drums in several touring bands.

**Miss Vanessa E.  
Grotti**

Italy

**COURSE IN CAMBRIDGE:**

PhD Social Anthropology; Trinity College

**PREVIOUS UNIVERSITIES:**

Centre Universitaire de Luxembourg: 1996

Université de Paris: 1999

University of Oxford:  
MSc (Material Anthropology and Museum  
Ethnography) 2001University of Cambridge:  
MPhil (Social Anthropological Research) 2002

Through my PhD research project, I wish to analyze in Cambridge and in the field how nutrition and health "Development" projects are implemented in relatively isolated tropical communities and

how "outsiders" (e.g. governmental authorities, NGOs, missionaries) and "local" (e.g. Native Amazonians) cultural views on health may or may not be reconciled. I hope that my research will contribute to improving cultural sensitivity in development as well as to debate in social anthropology and would like to work on more applied projects after graduation.

**INTERESTS:**

Acting for both theatre and film, and elements of production, especially the adaptation of narratives in different media. Photography, audio and video documentary, comparative literature, travel, sport, particularly swimming.

**Mr Aaron  
Gruber**USA  
Newport Coast,  
CA**COURSE IN CAMBRIDGE:**

MPhil BioScience Enterprise; Trinity College

**PREVIOUS UNIVERSITIES:**Yale University: BSc (Molecular Biophysics,  
Biochemistry and Economics)

As a Gates Scholar, I will have the opportunity to combine my interests in biology and economics, by exploring the development of BioScience enterprise. Moreover, the international environment at

Cambridge will enhance my study of the technological, economic, legal, ethical, and political aspects relevant to global biotechnology management and policy. Ultimately, I hope to help manage the wealth of biological information now being discovered, improving the dissemination of this knowledge and enhancing its application in the field of public health.

**INTERESTS:**

Soccer, basketball, student government, bodysurfing, music, travel.



**Mr Pierre Guillot**

France

**COURSE IN CAMBRIDGE:**  
PhD Mathematics; St Edmund's College

**PREVIOUS UNIVERSITIES:**  
Lycee St Louis, Paris: 1998

University of Pennsylvania:  
MA (Mathematics) 2000

University of Cambridge: Certificate of Advanced  
Studies in Mathematics 2001

In Cambridge I have been delighted to discover, in one of the premier intellectual centres for my subject, a vibrant community and a lovely place to live. I look forward to continuing my course of study here.

**INTERESTS:**

Travel (intends to work in various universities in Europe and the US – has visited fifteen before coming to England), socialising with friends, listening to music, playing the guitar, tennis and reading.



**Miss Nilima Gulrajani**

Canada

**COURSE IN CAMBRIDGE:**  
PhD Management Studies; Trinity College

**PREVIOUS UNIVERSITIES:**  
McGill: BA (Economics and Political Science) 2000

University of Cambridge:  
MPhil (Development Studies) 2001

My research at Cambridge will examine the challenges for Western donor agencies attempting to redefine their organisational approaches to the delivery of development

assistance. I hope that this research will contribute to the growing debates on aid effectiveness, as well as prepare me for a career in government or with a development research institute.

**INTERESTS:**

Various editorial positions, university newspaper; chair, Refugee Sponsorship Program which brought refugee students to McGill to continue their postsecondary education; employment at the World Bank, Washington, and the International Development Research Centre in Ottawa.



**Miss Priyanka Gupta**

India  
Delhi

**COURSE IN CAMBRIDGE:**  
BA Economics; St Edmund's College

**PREVIOUS UNIVERSITIES:**  
St. Stephen's College, Delhi University, India:  
BA (Economics) (2002)

I have been interested in problems and issues related to global financial markets, corporate finance, and international trade. I wish to contribute to thinking in these areas of economics and finance and study

the implications of my research in the context of India.

**INTERESTS:**

Reading, travel, adventure sports.



**Mr Iman Gurung**

Kingdom of  
Nepal

**COURSE IN CAMBRIDGE:**  
PhD Physiology; Hughes Hall

**PREVIOUS UNIVERSITIES:**  
Peking University; MBBS 2001

Though clinical medical research is oriented towards clinical problems it lacks an understanding of disease physiology and pathology at the molecular level. At the same time, basic scientific research offers a thorough understanding at the molecular level but lacks clinical implication. This gap is growing day by day and must be decreased in order to make biomedical research more

productive and effective. With my experience in clinical medicine, and after the research training which I hope to gain from my PhD in Cambridge, I aim to become an independent researcher and to carry out more productive biomedical research which has a direct clinical implication.

**INTERESTS:**

Learning culture and language of different ethnic groups (fluency in Nepalese, Gurungvash, English Chinese, Hindi; intermediate in Tibetan, Sanskrit, beginner of German), understanding the differences in western and eastern philosophy and its impact of culture, economic and politics; promoting biomedical research of third world.





**Mr Maximilian  
Jan Gwiazda**

Germany

**COURSE IN CAMBRIDGE:**

PhD History and Philosophy of Architecture;  
Pembroke College

**PREVIOUS UNIVERSITIES:**

King's College, University of London:  
BA (History) 2000

**INTERESTS:**

Wrote dissertation on Benedictine monastic architecture in final year of BA. Employed as junior economist for Japanese investment bank (August 2000 to June 2001). Basketball (team captain, King's College, London), theatre, cinema and literature.



**Dr Sabine  
Elisabeth  
Hannema**

The Netherlands  
Groningen

**COURSE IN CAMBRIDGE:**

PhD Paediatrics; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**

University of Groningen: MD 2001

.....  
**With the call for evidence based medicine, I think it is getting more important for medical doctors to have a decent scientific education. I hope this PhD will help me to**

**improve my clinical practice and at the same time give me a good basis for a scientific career, as I would like to combine patient care and research in the future.**

**INTERESTS:**

Running, playing the piano, speed-skating, literature, 'wadlopen' (=walking over to the Dutch 'wadden' islands at low tide).



**Mr David Grant  
Haskell**

USA  
Connecticut

**COURSE IN CAMBRIDGE:**

PhD Architecture; Queens' College

**PREVIOUS UNIVERSITIES:**

Yale: BA (Ethics, Politics and Economics) 2001

.....  
**I have come to Cambridge to learn more about how architecture influences cities. At Yale I studied American cities through the program of 'Ethics, Politics and Economics', but I soon supplemented my courses with an attention to urban design. In cities, architecture is a public concern, with consequences for all citizens and implications beyond the realm of aesthetics. I do not intend to become an architect –**

**indeed, my interest lies more in politics and policy – but my research at the Cambridge Department of Architecture will be an essential exploration to fulfilling my aims.**

**INTERESTS:**

Yale-University choir, Baker's Dozen, Whiffenpoofs (the oldest and most famous cappella group in the United States). Co-creator of non-profit organization (National Student Partnerships, NSP) which uses students at urban universities to help match underemployed citizens with local businesses in need of employees. NSP has become a national institution with headquarters in Washington and a \$1 million allocation from the United States government.



**Mr Francisco  
Hernandez-  
Martinez**

Mexico  
Huajuapán  
de Leon,  
Oaxaca

**COURSE IN CAMBRIDGE:**

PhD Engineering; Churchill College

**PREVIOUS UNIVERSITIES:**

Benemerita Universidad Autonoma de Puebla (BUAP), Puebla, Mexico:  
Bachelor's Degree (Civil Engineering) 1998

National Autonomous University of Mexico (UNAM), Mexico:  
DF (Master Degree in Civil Engineering) 2002

.....  
**After completing my PhD Studies, I will do my research in Geotechnical**

**Engineering, and I will attempt to initiate a similar interdisciplinary graduate program at the universities of Oaxaca State, Mexico. I am sure that with the support of the professors at the University of Cambridge, we together can achieve significant advances applying new methods and techniques to study the remediation of contaminated soils. I would like to propose the motion that remediation must be strictly taken into account in the near future in order to preserve our environment better.**



**Ms Anne D. Holden**

USA  
College Station,  
Texas

**COURSE IN CAMBRIDGE:**  
PhD Biological Anthropology; Peterhouse

**PREVIOUS UNIVERSITIES:**  
University of Missouri – Columbia:  
BA (Anthropology) 2003

After completing my PhD, I hope to acquire a teaching position in a university setting. It is my plan that with a teaching position, I can introduce more students to this discipline so that they might understand the place of humans within the scheme of macro-evolution. I plan to become a mentor, shaping students' future aspirations as my mentors have done for me. In addition, I plan to continue work in Cambridge regarding human evolution and diversity within the last 100,000 years. I hope to find a bridge between the fields of molecular and

anatomical evolution, eventually creating an international study on worldwide dispersal of our species, homo sapiens. These two professional undertakings will be accomplished by the unceasing support of my supervisors and colleagues in the Department of Anthropology at Cambridge, as well as the financial and community support of the Gates Cambridge Trust and my fellow Gates Scholars.

**INTERESTS:**

Reading, medieval history, travel, foreign films, exercise, hiking, visiting museums, geneology, art history.



**Mr William Hollingsworth**

USA  
Athens,  
Georgia

**COURSE IN CAMBRIDGE:**  
PhD Computer Science; Clare Hall

**PREVIOUS UNIVERSITIES:**  
The University of Georgia:  
BSc (Science in Mathematics) 1997,  
MA (Mathematics) 1999

University of Cambridge: M.Phil (Linguistics)

One of my future goals is to help people with disabilities to communicate more easily through the use of computers which interact with people using human language. In particular, I want to develop a speech synthesizer which models human speech more closely. The focus of this work is to improve the quality of reading devices for people with visual impairments, so that speech is more pleasing to listen for long periods of time. The Gates Cambridge Scholarship has

given me the opportunity to pursue my research goals with access to the best resources in the world.

**INTERESTS:**

I am involved in a musical tradition, called shapenote singing, which dates back to the nineteenth century in the United States, and grew out of small Southern churches. I record these singings to preserve and study regional variation in sound and tradition, which are analogous to regional variation and dialect.



**Mr Xiaobing Hu**  
P R China

**COURSE IN CAMBRIDGE:**  
PhD Material Science & Metallurgy;  
Downing College

**PREVIOUS UNIVERSITIES:**  
Tsinghua University, PR China:  
BS (Materials Science & Engineering) 2000,  
Secondary BS (Computer Technology &  
Application) 2002,  
MS (Materials Science & Engineering)

My long term dream is to become an outstanding materials scientist or engineer, conducting research in a university or R&D lab.

**INTERESTS:**

Music, tennis, badminton, volleyball, football and travel.



**Mr Matthew Hutchinson**

USA  
Longmont,  
Colorado

**COURSE IN CAMBRIDGE:**  
PhD Chemical Engineering; Wolfson College

**PREVIOUS UNIVERSITIES:**  
Colorado School of Mines:  
BS (Chemical Engineering) 2002

After receiving my PhD I hope to become a researcher in Chemical Engineering. It has become increasingly important for leaders in scientific fields to be conscious of how their work affects the global community, and to act accordingly as a responsible member of that community.

At Cambridge I will not only receive a premier education in Chemical Engineering, but will also have the opportunity to work with colleagues from around the world, thus broadening my cultural awareness that can later be applied to my work.

**INTERESTS:**

Throughout college I have enjoyed playing intramural sports and being involved with the Associated Students of the Colorado School of Mines and the Sigma Alpha Epsilon fraternity. While attending Cambridge I hope to continue with sports and travel.



**Miss Iliana Koleva Iordanova**

Bulgaria

**COURSE IN CAMBRIDGE:**  
PhD Biology; St John's College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: BA (Medicine) 2000

My research project in developmental biology will address questions about the differentiation of cells in the nervous

system, which has potential clinical applications in cancer treatment and organ regeneration.

**INTERESTS:**

University Employment – Pennsylvania USA, Cambridge, Paris, Kobe Japan – testing novel spectroscopic brain imagers and analyzing prion proteins (involved in CJD) and cellular and molecular biology.



**Ms Katja Jantos**

Germany  
Aerzen

**COURSE IN CAMBRIDGE:**  
PhD Natural Science (Chemistry); Fitzwilliam College

**PREVIOUS UNIVERSITIES:**  
University of Marburg, Germany:  
Diploma in Chemistry

My PhD project is concerned with cancer research and anti-cancer drug discovery which is a very important area of modern chemistry. After my PhD in Cambridge, I would like to continue my career in that area. Therefore, I would like a position at a university or another scientific research

institute. The Gates Scholarship makes it possible for me to study and research at the University of Cambridge, which is considered to be one of the best universities worldwide. Since the Gates Cambridge Trust supports students from all over the world, I hope to meet students from other countries and would like to exchange opinions with them.

**INTERESTS:**

Sports (dancing, aerobics), travelling with friends, watching movies, musicals, operas and drawing pictures.



**Mr Joel Philip Jennings**

USA  
St Louis, Missouri/  
San Diego,  
California

**COURSE IN CAMBRIDGE:**  
PhD Geography; Wolfson College

**PREVIOUS UNIVERSITIES:**  
San Diego State University;  
BA (2001), MA (2003)

Immigration and trans-national flows of people challenge traditional thinking about personal identity, work, and cultural belonging. My goal as a Gates Scholar is to develop a deeper critical understanding of the changing flows of immigration in Latin America and the United States. I am particularly interested in the stresses that

occur at multiple scales – personal, communal, and national, as a result of immigration. The Gates Scholarship is providing a way for me to develop a deeper understanding of immigration and to build relationships with families, workers, children and parents who live the dynamic of immigration on a daily basis.

**INTERESTS:**

My hobbies include international travel and photography, reading modern history, and listening to classical music. I also enjoy playing volleyball, scuba diving, sailing and martial arts.

**Mr Eric Jensen**

USA  
Vancouver, WA

**COURSE IN CAMBRIDGE:**

PhD Social and Political Sciences; Homerton College

**PREVIOUS UNIVERSITIES:**

Clarke College: (Associate of Arts) 2000

Portland State University:

BA (Communication Studies) 2002;

MA (Communication Studies)

**In the short-term, I plan to continue my social scientific research, examining the ways different groups communicate their perceptions of human cloning technology. In terms of my future career, I am interested in working as a university**

professor, following my tenure as a Gates Scholar at Cambridge. I would also like to leave open the possibility of one day entering politics and serving directly as a citizen-legislator in the United States. At Cambridge, I will be pursuing a PhD in Social and Political Sciences. In offering me a first-rate international education and facilitating my development as a researcher, I am certain that this experience will prove invaluable to my development as a person capable of effectively serving others.

**INTERESTS:**

Playing chess, officiating sports (basketball, softball, American football), and watching good movies.

**Ms Mekondjo Kaapanda**

Namibia

**COURSE IN CAMBRIDGE:**

PhD Legal Studies; Sidney Sussex College

**PREVIOUS UNIVERSITIES:**

University of Adelaide: BA (Politics) 1998; LLB 2000

University of Toronto: LLM 2001

**I have always had a strong interest in issues relating to human rights and international justice and this has led me to pursue studies in the fields of politics and law. By pursuing graduate studies at Cambridge in the area of international law, I will continue to engage with issues that reflect my interest in**

international justice. As an academic and public educator, I will seek to make a contribution to scholarship on international legal theory from a Third World perspective. Since my country continues to struggle with the legacy of apartheid in the education sector and the legal system/profession, I also hope to add to the growing number of indigenous Namibian legal scholars who are committed to the legal development of their country, dedicated to improving its place in the international arena.

**INTERESTS:**

Tennis, squash, travel, literature and photography.

**Mr Martin Leckson Kaonga**

Zambia

**COURSE IN CAMBRIDGE:**

PhD Geography; Fitzwilliam College

**PREVIOUS UNIVERSITIES:**

University of Malawi: BSc (Agriculture) 1988

University of Science and Technology:

MSc (Agro-Forestry) 1995

University of Cambridge:

MPhil (Environment and Development) 2000

**My PhD programme will greatly enhance my ability to contribute more constructively to environment and natural resource management in my country, and beyond. It will strengthen my conceptual and analytical skills resulting in improved teaching and research, which are vitally important in university education. With the establishment of Leadership in Environment and development for Southern Africa, and the Regional Agroforestry Education Network, my capacity to contribute to these**

networks will be greatly enhanced. Tertiary, institutions in the southern region of Africa are introducing agroforestry in their curricula, hence the urgency to train professionals in the discipline. I strongly believe that my time at Cambridge will build my capacity to contribute substantially to global environmental and natural resource management.

**INTERESTS:**

Global warming, biodiversity conservation, resource tenure, indigenous knowledge in natural resource management. Associate consultant in environment and natural resource management at In-Service Training Trust (ISTT) since 1992. National executive member of the Agricultural Science Association of Zambia (ASAZ).



**Mr Matyas Karadi**

Hungary

**COURSE IN CAMBRIDGE:**  
PhD Theoretical Physics; Girton College

**PREVIOUS UNIVERSITIES:**  
Eotvos University of Budapest: BSc 2000  
University of Cambridge: Part III, Mathematics 2001

It is beneficial to my scientific career to pursue studies for a PhD Degree at the University of Cambridge, being a leading university in Theoretical Physics.



**Mr Napoleon Katsos**

Greece

**COURSE IN CAMBRIDGE:**  
PhD English and Applied Linguistics; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Athens:  
BA (Greek Literature and Linguistics)  
University of Cambridge:  
MPhil (English and Applied Linguistics)

investigating the non-strictly-logical aspects of language. I use experimental methodologies that have been developed in the framework of cognitive psychology to test certain theoretical linguistic claims about the evolution and function of the language processor. I hope that my research will give some new insight about how the mind works and that it will have practical implications in cases of clinical linguistic disorders.

I am interested in language and on the preconditions of effective communication. My own PhD research is aimed at

**INTERESTS:**  
Debating, hiking, the Black Adder series.



**Ms Angeliki Kehagia**

Greece  
Athens

**COURSE IN CAMBRIDGE:**  
MPhil Experimental Psychology;  
Downing College

**PREVIOUS UNIVERSITIES:**  
Oxford University:  
BA (Experimental Psychology) 2002

and bring me to my ultimate goal: to better understand and define consciousness, through study of attention and executive processes, with implications. I eventually hope to aid in bringing about much needed improvements to my field in my homeland, by improving conditions and creating incentive for this type of research.

Defining the link between brain, mind and behaviour lies at the heart of my interest in cognitive neuroscience. This scholarship will give me the opportunity to glean skill and scientific rationale of the highest standard

**INTERESTS:**  
Travel, photography, clubbing, sport (riding, squash), debating and public speaking (Panhellenic Forensics Tournaments, 1997, 1999 – Original Oratory prizes).



**Mr Hunter Dames-Gronstal Keith**

USA  
Iowa

**COURSE IN CAMBRIDGE:**  
PhD History; Sidney Sussex College

**PREVIOUS UNIVERSITIES:**  
University of California Berkeley: BA (History) 2001

that American institutions cannot possibly match. And so, for this experiential bliss, as well as for Cambridge's intellectual ferocity and the power of its good name, I am thankful to become part of the university's tradition. No future historian could ask for a better place to prepare than here.

Cambridge offers me the opportunity to become, in a way, that which I study. There is indeed a palpable, breathing connection to the medieval history of education here, one

**INTERESTS:**  
Hiking, Camping, Biking, Ultimate Frisbee, Volkswagon Beetle enthusiast.



**Ms Ann Kelly**

USA  
New York City

**COURSE IN CAMBRIDGE:**  
PhD Social Anthropology; St John's College

**PREVIOUS UNIVERSITIES:**  
Princeton University: AB (Anthropology) 2002

I envision this career as a combination of university-based research with broad engagement in public policy issues.

While at Cambridge, I will investigate the complex ethical and social questions that contemporary biotechnology provokes. This research will begin my work towards becoming a Medical Anthropologist.

**INTERESTS:**  
Creative writing. Poetry is my greatest passion and deepest commitment – I have been writing poems ever since I was a little girl and at some point, I hope to publish a collection. I am also an avid runner and downhill skier. I plan to continue to compete in road races while at Cambridge and hope to participate in a Marathon race by next fall.

**Ms Anna King**

USA  
New Jersey

**COURSE IN CAMBRIDGE:**  
PhD Criminology; Trinity Hall

**PREVIOUS UNIVERSITIES:**  
Clark University: BA (Psychology) 1995  
University at Albany: MA (Criminal Justice) 1999

My proposed course in Criminology is intended to contribute to a deeper understanding of public opinion towards

crime and justice. In particular, I feel social reformers could benefit from understanding the psychological roots of punitiveness and forgiveness within the context of individual identity management.

**INTERESTS:**

Processes of change, identity and narrative, film, basketball, boxing, science fiction, mass media, the discovery channel.

**Mr Christopher Michael Kirchhoff**

USA  
Worthington, Ohio

**COURSE IN CAMBRIDGE:**  
PhD Social and Political Science;  
Sidney Sussex College

**PREVIOUS UNIVERSITIES:**  
Harvard University: AB (History and Science) 2001  
Magna Cum Laude with Highest Honors;  
MPhil in Social and Political Sciences,  
University of Cambridge 2002

For a long while now the intersection of public policy and partisan politics has held captive my attention and aspirations. I've worked both as a professional political hack doing opposition research and attack media for a US Senate candidate and as a

policy aide and speechwriter, serving most recently as one of two Editors of the Space Shuttle Columbia Investigation Report and before that in the White House Office of Science and Technology Policy. My fascination with the governance of science and technology has led me to pursue a PhD exploring how science and technology relate to global equity.

**INTERESTS:**

Long distance running, backpacking (Moscow to Singapore overland during summer of 2001; Australia, Marshall Islands during winter 2002), landscape photography, the writing of public, political and legal rhetoric, new cuisine, and the occasional enthusiastic consumption of red wine or fine gin.

**Mr Georg Stefan Wolfgang Klein**

Austria

**COURSE IN CAMBRIDGE:**  
PhD Engineering; King's College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
MEng (Electrical and Information Sciences) 2001

My research aims to extract the position of a rapidly moving camera from a video stream. I hope to develop visual tracking technology to the point that it becomes

commercially attractive for manufacturing, entertainment, medical or educational applications. If successful, I hope to become involved in bringing such an application to the market.

**INTERESTS:**

Skiing, mountain-biking – did not appreciate how “flat” Cambridge is – collecting coffee-preparation equipment.

**Mr Jason Paul Klierer**

USA  
Tampa, Florida

**COURSE IN CAMBRIDGE:**  
MBA International Business; St Catharine's College

**PREVIOUS UNIVERSITIES:**  
University of Florida: BS (Finance)

An MBA from Cambridge will greatly enhance my ability to make a positive impact on the international business community, providing the necessary skills to bring both companies and cultures together.

Business leaders will continue to play a key role in shaping the world, and as a Gates Cambridge Scholar, I hope to do so in an empathetic and socially responsible way.

**INTERESTS:**

Christianity, international relations, travel, reading, sports, hiking.

**Mr Gerrit Koorsen**

South Africa

**COURSE IN CAMBRIDGE:**

PhD Biochemistry; Peterhouse

**PREVIOUS UNIVERSITIES:**University of Orange Free State:  
BSc (Microbiology and Biochemistry) 1998

University of Cape Town: MSc (Biochemistry) 2001

After completing a PhD degree in Cambridge, I would like to obtain a competitive position in Academia in South Africa, from where I hope to contribute

towards our understanding of nuclear processes, and improve the quality of life of those who suffer from related illnesses.

**INTERESTS:**

Cellist (solo performance), choral singing – performed with the Free State Youth Symphony Orchestra, PACOFS Symphony Orchestra, Johannesburg Symphony Orchestra. Community service in Thambo square, an informal settlement in the Free State and the Red Cross Children's Hospital in Cape Town where many children are afflicted with AIDS-related diseases.

**Miss Amy Kravitz**USA  
Perkasie,  
Pennsylvania**COURSE IN CAMBRIDGE:**Bachelor of Medicine Clinical Studies;  
St Edmund's College**PREVIOUS UNIVERSITIES:**

Lehigh University: BSc (Biology) 1996

University College London (in conjunction with the London School of Hygiene and Tropical Medicine):  
MSc (General and Medical Microbiology) 1997

University of Cambridge: BA (Medical Sciences)

For the past 5 years, I have been actively engaged in development programs and emergency relief projects within Africa, Central America, Asia and Eastern Europe. Working on a variety of different health care aspects, my current specialization in microbiology is focused primarily with infectious disease control and prevention. My aim upon completion of my medical degree at Cambridge is to continue working with international medical issues, particularly those affecting the less developed countries.

**Mr Fabre A M Lambeau**

Belgium

**COURSE IN CAMBRIDGE:**PhD Computer Speech and Language Processing;  
St Edmund's College**PREVIOUS UNIVERSITIES:**

Université Libre de Bruxelles: BA (Classics) 2000

University of Cambridge: MPhil (Computer Speech and Language Processing) 2001

Previous study of mathematics led me to focus on investigating the structures of ancient languages, and at Cambridge my

MPhil studies included aspects of linguistics, computing and engineering. A PhD in computational linguistics will help me to refine my knowledge of the language phenomenon, and will hopefully make me able to implement aspects of languages to make computers better interact with people.

**INTERESTS:**

Deeply committed to societies working to ameliorate aspects of life in Europe and Third World countries. Music – especially vocals, and desktop publishing.

**Mr Andrew Lang**Australia  
Sydney**COURSE IN CAMBRIDGE:**

PhD International Law; Trinity Hall

**PREVIOUS UNIVERSITIES:**

University of Sydney:

BA (English, Linguistics and Mathematics) 1999,  
LLB 2001

My current research is on the application of international trade law to the water distribution industry, including its potential effects on the human right to water. This is part of a broader interest in trade law,

human rights law, and the relationship between them. After completing my PhD I intend to continue research/policy work in this area.

**INTERESTS:**

Sports: football, cricket, squash, scuba diving, tennis, Simpsons, REM, hiking, travel, cooking and eating Spanish food, reading, theatre. Issues of equity in international development.

**Mr David Larkin**Ireland  
Dublin**COURSE IN CAMBRIDGE:**

PhD Music; Christ's College

**PREVIOUS UNIVERSITIES:**University College Dublin:  
BMus 1999, MLitt 2001

I hope to be involved in third-level lecturing, along with pursuing my research interests. I would also like to improve my

existing language skills, and perhaps pick up some new ones. My most heartfelt wish is to continually expand my knowledge in other areas.

**INTERESTS:**

I am a keen and proficient pianist, and also play the organ, listen to CDs and frequently attend concerts. Other interests include a passion for reading, daily jogging, and tennis. I am also fond of logic puzzles, chess, old films, travel and visiting art galleries.

**Mr Scott Lee**USA  
Duncanville, Texas**COURSE IN CAMBRIDGE:**

MPhil Development Anthropology; Trinity College

**PREVIOUS UNIVERSITIES:**

Harvard University; AB (Anthropology and Religion)

My main academic (and personal) interests lie in the intersection of health, culture, and political economy in sub-Saharan Africa. Eventually, I would like

to train as a physician and undertake clinical practice in western Kenya. I hope that my time at Cambridge will equip me with the intellectual tools to fight for health and social justice not only at the grassroots, but also at the policy level.

**INTERESTS:**

Music (french horn, guitar; voice), sports (basketball, football), night-time walks, the meaning of life.

**Mr Yi Shin Lee**USA  
Conyers, Georgia**COURSE IN CAMBRIDGE:**

PhD Chinese Studies; Trinity College

**PREVIOUS UNIVERSITIES:**University of Georgia: AB (East Asian studies)  
ABJ (Journalism – Media Studies)

While in Cambridge, I will be examining academic culture in the PRC and present-day Chinese intellectuals-relations to formal political structures. My research will deal principally with the production

of political history and how Mainland historians attempt to negotiate professional standards between traditional modes of scholarly inquiry and that of Marxist scholarship. After completing my studies, I hope to be either a diplomat or a professional researcher at a think tank focusing on China and East Asian politics.

**INTERESTS:**

Screenwriting, martial arts (wuxia) films and novels, Mando-pop, AM-radio, and travel.

**Miss Ts'Enolo Lerotholi**Lesotho  
Maseru**COURSE IN CAMBRIDGE:**

PhD Chemistry; St Edmund's College

**PREVIOUS UNIVERSITIES:**The National University of Lesotho:  
BSc (Chemistry) 2001

My long term ambition is to promote the development of chemistry in the southern

African region by teaching physical chemistry and doing research in surface science.

**INTERESTS:**

The environment, cooking, reading, socialising, playing the guitar, dancing, drawing cartoons and designing cross-reference puzzles.

**Mr Ioannis Lestas**Cyprus  
Limassol**COURSE IN CAMBRIDGE:**

PhD Engineering; Trinity College

**PREVIOUS UNIVERSITIES:**University of Cambridge: BA MEng  
(Electrical Engineering and Information Sciences)

My long term ambitions, after finishing my PhD, are to get involved with research

work either in industry or as an academic, preferably in my home country, Cyprus.

**INTERESTS:**

Sports and music. I am an active member of the Trinity College basketball team and a keen 'bouzouki' (traditional Greek instrument) player.



**Mr Tun Lin**

China

**COURSE IN CAMBRIDGE:**

PhD Economics; Peterhouse.

**PREVIOUS UNIVERSITIES:**People's University of China:  
BA (International Trade) 1997

University of Vermont:

MSc (Comparative Development and Applied  
Economics) 1999

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**Educated in China and the United States, I came to Cambridge for a global perspective**

and have been deeply attracted to Cambridge's unique culture – a fine combination of academic rigor, real-life relevance, sense of history and the tradition of nursing generations of outstanding scholars. I believe it is the community of which I want to be a part, and the starting point of my future career.

**INTERESTS:**

Go player, table tennis, travel, music and reading.

**Miss Yingjie Liu**

Shenyang,

P.R.China

**COURSE IN CAMBRIDGE:**

PhD Biological Sciences; Newnham College

**PREVIOUS UNIVERSITIES:**Shenyang Medical College:  
Bachelor of Clinical Medicine 1998China Medical University:  
MSc (Pharmacology) 2001

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**My research interest is on calcium signaling, which is essential in regulation of**

various cellular activities such as proliferation and cell death. Future goals include doing R&D in the Pharmaceutical industry.

**INTERESTS:**

Singing, piano, reading, calligraphy, swimming, rowing, racket sports, volleyball, jogging, travel.

**Mr Kristof Madarasz**Hungary  
Budapest**COURSE IN CAMBRIDGE:**

MPhil Political Thought; Jesus College

**PREVIOUS UNIVERSITIES:**

Budapest University: MSc (Economics) 2002

MPhil in Technology Policy will help me refine the right blend of technology and management skills necessary to create such policy. After my time at Cambridge, I plan to apply my new-found knowledge in the business sector for a few years, followed by either law or business school. Eventually, I hope to become one of these tech-savvy policy makers, leading the world to an even more hi-tech future while minimizing the resulting security concerns.

**INTERESTS:**

Snowboarding, rock-climbing, reading, dancing, gardening, wood-working, hiking, sea kayaking, neo-classical and renaissance art, theatre, opera, travel, ancient European history, women's and children's rights, civil liberties' protection, emerging international security threats.

**Ms Meena S. Mallipeddi**USA  
San Jose, CA**COURSE IN CAMBRIDGE:**

MPhil Technology Policy; Pembroke College

**PREVIOUS UNIVERSITIES:**

Stanford University: BA International Relations

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**Technological innovations are usually a double-edged sword, often bettering the world in one way while destabilizing it in another. Because of their paradoxical nature, there is a serious need for policy-makers with technological expertise so that any country, or institution, can confidently move into the 21st century without crippling itself or others through fear or ignorance. With my long-standing interest in the diverse challenges presented by both computer science and international relations, the Gates Scholarship for an**



**Mr Peter  
Manasantivongs**

USA  
Cypress, California

**COURSE IN CAMBRIDGE:**  
PhD Linguistics; Peterhouse

**PREVIOUS UNIVERSITIES:**  
Harvard University: AB (Mathematics) 1999  
University of Cambridge: MPhil (Linguistics) 2001

My PhD research concerns the common, erroneous assumption that subject pronouns are always optional in most of the Romance languages. I'm looking at particular linguistic environments in these languages where subject pronouns must be used, even if the verb clearly indicates the intended

subject of the sentence. I hope to put my Cambridge experiences as a Gates Scholar to good use someday by encouraging the importance of foreign language learning, as well as revitalising enthusiasm for it. Possible career options include university administration, foreign service, and hospitality and event management.

**INTERESTS:**

President, Peterhouse Graduate Society (2002–2003); Treasurer, Gates Scholar Council (2002–present); Setter/Libero, Cambridge University 2nd volleyball team, (2000–present); Secretary, Harvard-Radcliffe Class of 1999 (1999–present).



**Mr Benedikt M.  
Mandl**

Austria  
Salzburg

**COURSE IN CAMBRIDGE:**  
PhD Biology; King's College

**PREVIOUS UNIVERSITIES:**  
Bowling Green State University;  
University of Salzburg: BSc

“Even a long journey starts with the first step” (Lao-Tse) In my case, this step will be to do research and to develop my skills and knowledge during my course in Cambridge. Biology is an expanding field and my field and many opportunities should be open for motivated and skilled people. My field in particular has become quite unusual: Electron microscopy and structural analysis is increasingly

important in all aspects of biological research; nevertheless it seems to be flushed away by the streams of students that strictly focus on physiological aspects of biology. Being a Gates Scholar in Cambridge is certainly the best basis for a future activity in Science. Today's Europe is a promising ground for assiduous seeds as the Gates Scholars. Outside of Europe, there is a world waiting for us. So let me end this paragraph as I started it, with a citation: “Lets go explore!” (Calvin and Hobbes).

**INTERESTS:**

Art and Literature, theatre, travel ,backpacking, illustration, web design, cartoons, drawing, photography.



**Ms Efstathia  
Margaritis (Evi)**

Greece

**COURSE IN CAMBRIDGE:**  
PhD Archaeology; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Athens:  
BA (Archaeology and History of Art) 1996  
University of Sheffield:  
MSc (Environmental Archaeology and Palaeontology) 1999.

For as long as I can remember, I have wanted to study archaeology. I became interested in ancient agriculture and plant remains whilst studying at Sheffield.

Archaeobotany is a relatively new field of research in Greek archaeology and study of archaeobotanical remains from Hellenistic Greek Macedonia will increase my knowledge of the role of plants and agriculture in any interpretations and modelling of Hellenistic society. The experience gained at Cambridge will enable me to make a useful contribution to a growing discipline in my country.

**INTERESTS:**

Field archaeologist and archaeobotanist. Also travel and meeting people.

**Mr Joseph Markson**

USA

**COURSE IN CAMBRIDGE:**  
PhD Chemical Biology; St Edmund's College

**PREVIOUS UNIVERSITIES:**  
Harvard University: AB (Biochemical Sciences) 2003

**Ms Katherine Marvel**

USA

**COURSE IN CAMBRIDGE:**Certificate for Advanced Studies in Mathematics;  
Trinity College**PREVIOUS UNIVERSITIES:**

U.C. Berkeley: BA (Astrophysics &amp; Physics) 2003

**Miss Anna Massiou**

Greece

**COURSE IN CAMBRIDGE:**

PhD Musicology; King's College.

**PREVIOUS UNIVERSITIES:**

University of Athens: BA (Music) 2000

University of Cambridge: MPhil (Musicology) 2001

With my doctoral dissertation I wish to focus on the Christian chant in medieval Southern Italy. The symbiosis of diverse elements in this multicultural society is recorded in the music, the study of which

can help us recover a picture of their interaction and the propelling forces. By contributing to a creative academic dialogue, and by teaching, I will share my enthusiasm for the beauty of the art itself, and for the value of chant as a window into human political, social and cultural history.

**INTERESTS:**

Medieval Christian music, summer courses on Gregorian chant (Cremona, Italy), piano diploma – performs early music.

**Mr M Mathuray**

South Africa

**COURSE IN CAMBRIDGE:**

PhD English Literature; Sidney Sussex College

**PREVIOUS UNIVERSITIES:**

University of the Witwatersrand: BA (History) 1998

University of Sussex: MA (English Literature) 2000

My previous research has centred around education development, early childhood education and care, gay and lesbian rights, adult literacy, and media policy.

The significance of cultural production for these projects has steered me towards my present research on colonial and postcolonial literature, dramatic and film studies, psychoanalytic theory and political philosophy. My studies at Cambridge will facilitate a more incisive and productive approach to these areas.

**INTERESTS:**

Local political issues and human rights.

**Ms Sanjana Mehta**

India

**COURSE IN CAMBRIDGE:**

PhD Education; Fitzwilliam College

**PREVIOUS UNIVERSITIES:**

Mount Carmel College, Bangalore University: BA

Bangalore University: MSc (Child Psychology)

**INTERESTS:**

Reading, travel, swimming, voluntary work with the animal welfare organisations.

**Mr Sean McHugh**USA  
San Antonio,  
Texas**COURSE IN CAMBRIDGE:**

PhD Chemical Engineering; St John's College

**PREVIOUS UNIVERSITIES:**

California Institute of Technology:

BSc (Chemical Engineering) 2002

My career goal is to manage a high-tech engineering firm in the United States. This

will enable me to thrive at the interface between engineering science, industry, and the environment.

**INTERESTS:**

Various athletic activities such as surfing, rollerblading, and working out at the gym. Also participating in student government, maintaining my computer hardware business, and life guarding at pools and water parks.



**Ms Elena Menichelli**

Italy

**COURSE IN CAMBRIDGE:**

PhD Molecular Biology; Magdalene College

**PREVIOUS UNIVERSITIES:**

University La Sapienza, Rome:  
Laurea (Chemistry) 2000

I am sure Cambridge is a very compelling place to study and a PhD at the Laboratory of Molecular Biology (with its outstanding reputation for past and present research)

will not only increase my scientific knowledge and give me a strong background for my future career but will also be a challenging life experience.

**INTERESTS:**

Science, reading, visiting museums and art exhibitions, concerts, theatre, open-air activities, travel and meeting people of different cultures.



**Mr Christopher Paul Michael**

USA  
St Louis, Missouri

**COURSE IN CAMBRIDGE:**

MPhil Physics; Churchill College

**PREVIOUS UNIVERSITIES:**

University of Illinois (Urbana-Champaign):  
BSc (Physics); BSc (Materials Science)

Following my graduate studies, I would like to study how electrical signals propagate through groups of neurons, and to develop possible methods for interfacing electronic circuits with these networks. This may help to explain how nerve cells process and store information, and this research can be readily applied to neural prosthetics, e.g. using electrical devices to bypass damaged

spinal neurons to help cure paralysis for patients with severe back injuries. Further research in this area could also provide insight into Alzheimer's disease and other neuro-biological disorders. My studies at Cambridge will help to broaden my education and my perspectives of this multi-disciplinary field. It will also prepare me for further research when I return to the United States to pursue my PhD.

**INTERESTS:**

I am an avid player and shameless promoter of underwater hockey, and I hope to play in the world championships in a few years. Outside of academics and hockey, I enjoy community service, backpacking and competitive running.



**Mr Sunjay Vishal Mishra**

USA  
Freehold, New Jersey

**COURSE IN CAMBRIDGE:**

MPhil Technology Policy; King's College

**PREVIOUS UNIVERSITIES:**

University of Pennsylvania:  
BSc in Economics, Bachelor of Applied Science (Computer Telecommunications Engineering)

At Cambridge, I plan to develop my interests in business and technology while experiencing the history, tradition, and culture that the University and

the United Kingdom have to offer. Upon completion of my studies, I hope to pursue a career in the management of technology in a consulting or industry context, building towards an advisory position that shapes national technology policy.

**INTERESTS:**

Basketball, weightlifting, outdoor activities, tabla (Indian drums), movies, music, and travel.



**Mr Zerihun Mohammed Ali**

Ethiopia

**COURSE IN CAMBRIDGE:**

PhD Geography; Wolfson College

**PREVIOUS UNIVERSITIES:**

Addis Ababa University:  
BA (History) 1988,  
MA (Social Anthropology) 1999.

My proposed research is concerned with resource competition and inter-ethnic relations, particularly among different ethnic groups in southern parts of Ethiopia.

The research will contribute towards the formulation of proper environmental social and political policies, both at regional and national level, and to resolving some of the problems of natural resource management practices and related conflicts in other parts of Ethiopia and other African countries.

**INTERESTS:**

Held various posts in governmental and non-governmental organisations.



**Mr Arne  
Claudio  
Morteani**

Germany

**COURSE IN CAMBRIDGE:**

PhD Physics; Wolfson College

**PREVIOUS UNIVERSITIES:**

University of Tübingen, Germany:

(Mineralogy) 1994–95,

Intermediate examination (Physics) 1995–97

University of Munich: diploma (Physics) 1998–2001

**I believe that my PhD studies at Cambridge will give me a good basis for an academic career.**

**INTERESTS:**

Scientific – optics, physical chemistry, biophysics. Worked in consultancy for several months after graduating. Sports – running, skating, sailing, squash, skiing, snowboarding. Organiser – international student events, University of Munich. Music – jazz-piano, plays in a Jazz band, taught piano for several years. Philosophy.



**Mr E Msindo**

Zimbabwe

**COURSE IN CAMBRIDGE:**

PhD Historical Studies; Wolfson College

**PREVIOUS UNIVERSITIES:**

University of Zimbabwe:

BA (History and Philosophy) 2000

**My research aims to explain the present social conflicts in most parts of Zimbabwe (conflicts that are often explained in *ethnic* terms) and will stress that people should accept their differences, drop ethnic hatred**

**and focus on development-related issues. The research will not only enhance my career as an historian but will also benefit my country – national histories do not need to remain a mystery.**

**INTERESTS:**

Athletics, basketball. Volunteer – *Prison Fellowship*, Zimbabwe, Christian youth leader and peer educator/counselor, Charity Ministry (orphans, street kids). Member, Oral Tradition Association of Zimbabwe, former Health Officer in Manfred Hodson (University of Zimbabwe).



**Ms Aditi  
Mukherji**

India  
Calcutta

**COURSE IN CAMBRIDGE:**

PhD Geography; Fitzwilliam College

**PREVIOUS UNIVERSITIES:**

Presidency College: BSc Hons;

Jawaharlal Nehru University, New Delhi: MA;

Indian Institute of Bombay: MPhil (Geography)

**After completion of my doctoral studies, I plan to work as a researcher in the field of water resource management in a developing country like mine. I believe the way we manage our water and land resources today will be an enduring gauge of our own ability to foster sustainable development in the future. Thus, doing meaningful research on frontline issues in water and land management is of supreme importance.**

**Equally important is translating those research outputs into actionable policy recommendations. I believe that my doctoral work in Geography – a subject located at the interface of physical and social sciences will train one adequately to this end. Without the privilege of being a Gates Scholar, I could not have been able to take up any place at Cambridge. I believe that as a Gates Scholar and a Cambridge graduate, I shall be better able to contribute to the development discourse in my country and elsewhere.**

**INTERESTS:**

I am an avid reader of all kinds of fiction and non-fiction. I love swimming and playing badminton. I also fancy myself as a short story writer, though so far, I haven't quite written anything to qualify as a short story! But I still try.



**Miss Kamalini  
Mukherji**

India  
Calcutta

**COURSE IN CAMBRIDGE:**

BA English; St John's College

**PREVIOUS UNIVERSITIES:**

Jadavpur University, Calcutta: BA (English) 2001

**I wish to be successful in whatever task I undertake in life, contributing something to the world, no matter how small. And with that, I hope to achieve happiness and peace, which are to me the ultimate goals of life. Being a Gates Scholar has given me the opportunity not just of pursuing my academics in one of the world's best centres**

**of learning but also an exposure to infinite variety and novelty in terms of culture and people, which has been the most liberal kind of education possible. Indeed, this experience has rendered me far richer and more mature than ever.**

**INTERESTS**

I am interested in music and theatre and indeed in most performing arts. I love travelling to new countries, experiencing the rich and unending variety of cultures and lives that this world offers and meeting people from all over through exchange and interaction with whom, I feel, one learns and sees so much.



**Ms Emily Rose  
Murphy**

USA  
East Lyme,  
Conneticut

**COURSE IN CAMBRIDGE:**  
PhD Experimental Psychology; Trinity College

**PREVIOUS UNIVERSITIES:**  
Harvard University: AB (2003)

Following my PhD studies, I intend to use my training acquired at Cambridge to pursue further study of human mind/brain interactions and specifically how pharmacology may be used as both a tool to gain insight into brain function and pathology as well as for therapeutic benefits. Within this framework, I will work towards identifying the neurobiological underpinnings of cognitive and emotional disorders and developing specifically targeted pharmaceutical

therapies. Later in my career, I hope to move into policy work to remove the social stigma and insufficient treatment of mental disorders by presenting a clear understanding of the neurobiology of pathological states. Being a Gates Scholar is a privilege that will afford me the opportunity to gain expertise needed to achieve these goals, but more importantly will connect me with a network of fellow scholars whose impact as a group will far exceed individual contributions

**INTERESTS:**

At Harvard, I have enjoyed coxing for the men's heavyweight crew team, and in my spare time, I love to hike, rock climb, and travel. Playing viola and listening to music helps me relax, as does socializing and appreciating lagers and wines.



**Mr Shishir  
Nagaraja**

India  
Bangalore

**COURSE IN CAMBRIDGE:**  
PhD Computer Security; St John's College

**PREVIOUS UNIVERSITIES:**  
PES Institute of Technology, Bangalore University:  
BEng

University of Cambridge: MPhil in Economics

As we rapidly computerise critical sectors, from power grids and dams to pharmaceutical industries and automobiles, the associated risks, such as malicious insiders and Internet connectivity to these systems, must be understood and managed. My research efforts would be directed at building a resilient information infrastructure that can support the basic needs of the modern information society. After completing PhD in Computer Security

at Cambridge, I intend to continue in academic research while providing crucial direction to software development activities in the Indian subcontinent. Working in India, it would be my endeavour to enable a greater amount of interaction between the software practitioners and researchers in the industry here and the security research community in Europe. Being a Gates Scholar has enabled me to Join Cambridge Security Group, which is undoubtedly the best lab in the world for practical security research.

**INTERESTS:**

Lawn tennis player, canine lover, I also love gardening. Very interested in vulcanology and ornithology. Am involved in a number of community service campaigns for education, public health and calamity relief.



**Mr  
Alankattuputhur  
Natesan Senthil  
Kumar**

India

**COURSE IN CAMBRIDGE:**  
PhD Plant Sciences; Trinity Hall

**PREVIOUS UNIVERSITIES:**  
Tamil Nadu Agricultural University: BSc 1998  
Indian Agricultural Research, Institute: MSc 2001

I am from a farming community, and wish to become a scientist-cum-teacher. My ultimate wish is to serve the farming community in my home country by finding ways to increase agriculture and biomass production. I am eager to gain

knowledge from this opportunity to study at Cambridge, as it is clear that the chloroplast development group is carrying out pioneering research in this field. Cambridge is one of the best Universities in the world so I feel very happy to be given the opportunity to study here.

**INTERESTS:**

Volleyball and basketball, athletics.



**Mr Ramanan Navaratnam**

Sri Lanka  
Jaffna

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Oxford: MEng (Engineering and Computer Science)

The area of my research for my PhD is 'Computer Vision' – a field that is expected to expand and make great strides in near future. I would like to become a research scientist in this area, which has many useful applications in a variety of disciplines. The funding from Gates Scholarship would help

me to take the next step towards achieving my ambition. Being at a leading university like Cambridge, that is at the forefront in research in my chosen field, will not only help me to expand my knowledge but also to meet and develop contacts with like-minded people.

**INTERESTS:**

I'm a keen sportsman. I have participated in badminton, football, cricket and athletics at various levels. Also, I'm a martial arts exponent. Currently I'm concentrating on improving my skills in pole-vaulting. My favourite leisure activity is ice-skating.

**Mr Adam Nebesar**

USA

**COURSE IN CAMBRIDGE:**  
MPhil Economics; Jesus College

**PREVIOUS UNIVERSITIES:**  
Princeton University: AB (Economics) 2003



**Ms Kieu Lien Nguyen**

Vietnam  
Hanoi

**COURSE IN CAMBRIDGE:**  
PhD Chemical Engineering; Fitzwilliam College

**PREVIOUS UNIVERSITIES:**  
University of Adelaide, Australia: BEng

I imagine myself working as a research bioengineer industry. I also want to become a part-time lecturer in bioengineering to convey the knowledge to the future engineers. The

PhD at Cambridge will prepare me personally and professionally for a career in engineering research and education.

**INTERESTS:**

Taekwondo, Vietnamese poetry, English and French languages.



**Miss N Novakovic**

Yugoslavia

**COURSE IN CAMBRIDGE:**  
PhD English and Applied Linguistics; Christ's College

**PREVIOUS UNIVERSITIES:**  
University of Belgrade: BA (English Literature) 1999

University of Cambridge:  
MPhil (English and Applied Linguistics) 2001

My course of study at Cambridge will help me achieve my aim of an academic career at the University of Belgrade. I intend to use the expertise gained to improve and

reform university curricula, and teaching methods and standards, and to promote interdisciplinary research within the broad area of linguistic study.

**INTERESTS:**

Academic – syntax, morphology, second language acquisition, clitic phenomena in European languages, language processing. Sport – Free climbing (member of the Yugoslav National Team; rowing (member of Christ's College First Ladies eight and Belgrade based 'Red Star' rowing club). Cambridge University Pottery Society.



**Mr Alexander Nyren**

USA  
New York City

**COURSE IN CAMBRIDGE:**  
PhD Economics; Trinity Hall

**PREVIOUS UNIVERSITIES:**  
Harvard University: AB (Applied Mathematics) 2002

I hope to use the tools of behavioural economics to investigate problems in game

theory, macroeconomic policy, and financial markets.

**INTERESTS:**

Avant-garde literature and theatre, journalism, politics, watching American football, and travel.



**Mr Daithi O' Crualaoich**

Ireland  
Cork

**COURSE IN CAMBRIDGE:**  
BA Mathematics; Trinity College

**PREVIOUS UNIVERSITIES:**  
University College Cork:  
BSc (Computer Science) 2002

Subsequent to taking a degree at Cambridge, my ambition is to continue with postgraduate studies in an area

combining both Mathematics and Computer Science. I am keen to pursue an academic career following such studies. I very much enjoy tutoring and would be eager to become involved in teaching. It is also an intention of mine to spend some time travelling, if possible.

**INTERESTS:**

Theatre and drama, philosophy, photography and cinema. I am a fan of cricket and enjoy cycling.



**Ms Eivor Oborn-Barrett**

Canada

**COURSE IN CAMBRIDGE:**  
PhD Management Studies; Clare College

**PREVIOUS UNIVERSITIES:**  
McMaster University: Bachelor of Health Sciences  
Queen's University: MSc (Exercise Rehabilitation)

My long-term ambitions are to lead in, and contribute to improving healthcare delivery so that it would become more collaborative and responsive. I would like to further our knowledge and understanding as to how

collaborative learning and best practice suggested by evidence-based medicine can be enacted in healthcare teams. I am also keen to assist healthcare leaders and boards in policy formulation and implementation within and across national health systems.

**INTERESTS:**

Sports, including tennis, soccer, hiking. I enjoy travelling and experiencing other cultures and speak 4 languages. I am involved in our local church where I teach Sunday school.



**Miss Catherine O'Brien**

South Africa  
Cape Town

**COURSE IN CAMBRIDGE:**  
PhD Social & Developmental Psychology;  
Christ's College

**PREVIOUS UNIVERSITIES:**  
University of Cape Town:  
Bachelor of Business Science (Accounting & Finance) 1996,  
Bachelor of Social Science Hons. (Psychology & Organisational Psychology) 2000

University of Cambridge:  
MPhil (Social & Developmental Psychology) 2002

I intend to deepen my understanding of children in difficult circumstances. The skills and knowledge gained will contribute

to research that informs policy and practice to make a difference for South African children in the context of violence and social transformation. No specific research degrees in developmental, social or child psychology exist in South Africa, which has mostly generic research skills. Being a Gates scholar enables me to benefit from interaction with renowned names in these fields. The MPhil and PhD Social and Developmental Psychology programs at Cambridge are ideally suited to these ends.

**INTERESTS:**

Drawing, painting creative writing, English literature, philosophy, cycling, roller-blading.



**Ms Juliana Ochs**

USA  
Charlottesville,  
Virginia

**COURSE IN CAMBRIDGE:**  
PhD Social Anthropology; St John's College

**PREVIOUS UNIVERSITIES:**  
Yale University:  
BA and MA (Cultural Anthropology) 2002

In the Cambridge Department of Social Anthropology, I will examine how the domestic space and material culture of Bedouin in Israel reflect and elucidate the politicized transformations of contemporary Bedouin economy and

society. Ultimately, as a sociocultural anthropologists in academia or for an NGO, I hope to study the transitions of refugees and other displaced peoples. My interest in the material cultural representation of societies in museum exhibits leads me to envision that I might also work as a museum curator.

**INTERESTS:**

Letterpress printing, publishing and design work, dance, and travel.





**Ms Elizabeth  
M.M. O'Connor**

USA  
New York, NY

**COURSE IN CAMBRIDGE:**  
MPhil Philosophy; Clare College

**PREVIOUS UNIVERSITIES:**  
Yale University:  
BA (Ethics, Politics and Economics) 2003

At Cambridge, I plan to concentrate my studies in philosophy on distributive justice, and, specifically, on the distribution of rights in society. This, combined with law school afterwards, will help prepare me for my eventual goal of being a policy advisor for the Civil Rights Division of

the Justice Department. In particular, I would like to work towards expanding federal laws prohibiting discrimination against the homeless and combating the current trend towards the criminalization of homelessness.

**INTERESTS:**

Debating, reading, swimming, playing poker, travel, micromanaging my fantasy baseball team, hosting Thursday night TV marathons, people watching in semi-pretentious NYC coffee bars, bartending, doing logic puzzles and making a fool of myself playing Dance Dance Revolution.



**Mr Sutayut  
Osornprasop**

Thailand  
Bangkok

**COURSE IN CAMBRIDGE:**  
PhD, International Studies; Corpus Christi College

**PREVIOUS UNIVERSITIES:**  
Chulalongkorn University:  
BA (Political Science) 1998

University of Cambridge:  
MPhil (International Relations) 1999

After the completion of my PhD in International Relations at the University of Cambridge, I wish to pursue my career as an academician specialising in International Relations at universities in Thailand and in ASEAN. My ultimate aim is to help

establish the ASEAN University which would greatly strengthen academic co-operation in ASEAN as well as enhance ASEAN awareness, solidarity and the sense of "ASEANness". I wish I could use the knowledge and experiences I gain from Cambridge to help improve the standard and quality of higher education in Thailand and, if possible, Southeast Asia as a whole.

**INTERESTS:**

Youth activities, public speaking, international cultural exchanges, and ASEAN Students joint activities. In the free time, I am also fond of swimming, tennis and table tennis.



**Mr Antonios  
Pantazis**

Greece  
Hellas,  
Athens

**COURSE IN CAMBRIDGE:**  
PhD Anatomy; Churchill College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: BA (Natural Sciences)

My long-term ambitions involve myself being an acknowledged expert in the area of neuro-physiology, and thus make many contributions to the scientific

knowledge in this area. I also wish to contribute to the promotion of such knowledge to others, by assuming an academic position. I would also like to broaden my cultural horizons, e.g. by working in different countries before I 'settle down'.

**INTERESTS:**

Cinema, listening to music, doing some sports (mostly volleyball), fishing and travel.



**Miss Geraldine  
Mary Parsons**

Co. Kildare,  
Ireland

**COURSE IN CAMBRIDGE:**  
PhD Medieval Irish Literature; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
BA (Anglo-Saxon, Norse and Celtic) 2001

As I hope to pursue a career in academia, the support provided by the Gates Cambridge Trust underpins my plans. I want to continue my research and am committed to the idea of teaching both inside and outside the university confines. Research and University teaching undoubtedly accord with this scholarship's aims in relation to education. In addition,

however, and perhaps more directly related to the education of the community at large, I want to explore the challenges that the current popular interest in the past presents to academics, particularly in relation to the literary and cultural history of Celtic-speaking peoples.

**INTERESTS:**

History of art (particularly medieval European art and architecture), literature (co-founded and ran a successful reading group in Trinity in 2002–3), languages (have run courses for beginners in Modern Irish and am (re-)learning German and Latin), involved with several Cambridge charities / societies including The Cambridge Group for Irish Studies.

**Ms Rena Patel**

USA  
Chicago

**COURSE IN CAMBRIDGE:**

MPhil Social and Political Sciences; Hughes Hall

**PREVIOUS UNIVERSITIES:**

University of Illinois at Chicago: BA (History)

Upon completion of a health education, I aim to help address global health issues, particularly HIV/AIDS, in an international capacity in the non-for-profit sector. I plan to work around concerns of sexuality, sexual health and sexual violence against young women. Being at Cambridge in the Social and Political Sciences department will allow me to examine sex

trafficking with young women in an increasingly globalizing world context. After one year there, I hope to come back to the US to complete an MD/MPH in international health policy. And, I'm praying that being a Gates Scholar will make it easier for me to work for the Gates Foundation one day!

**INTERESTS:**

Roller-blading, biking, gardening, cooking, reading short stories, and spoken word pieces, photojournalism with black and white film, watching independent films.

**Mr Shiladitya Paul**

India  
Naihati (West Bengal)

**COURSE IN CAMBRIDGE:**

PhD Material Science and Metallurgy; St Edmund's College

**PREVIOUS UNIVERSITIES:**

University of Calcutta:  
BSc Chemistry (1998);  
B.Tech Chemical Technology (Ceramics) 2001;

The Indian Institute of Technology:  
M.Tech (Materials Science) 2003

My objective is to enter scientific research obtaining a doctorate in the field of materials processing within 3 years of graduation. I would like to work in this extremely challenging field and carve out a niche for myself in the research community.

It is my proud privilege to be able to be a Gates Scholar and I believe that the varied interests of the past and present scholars will provide a dynamic and exciting atmosphere, where I hope there will be scope for fertile exchange of ideas. I have a lot to gain from the Gates Cambridge Trust and hope that the trust will support my cause both financially and moral to prove my academic and research potential in my chosen field. This aiding my development, not only as a scholar but also as a human being.

**INTERESTS:**

Painting: both Indian and Western. Crafts: Origami, poetry. Music: Tagore's songs and Indian classical music. Sports: football, cricket and volleyball.

**Mr Amol Pawar**

USA  
Jamaica,  
New York

**COURSE IN CAMBRIDGE:**

PhD Biochemistry; Hughes Hall

**PREVIOUS UNIVERSITIES:**

University of Pennsylvania:  
BA (Biochemistry),  
MS (Chemistry) 2002

I hope to work towards understanding and curing the diseases of mankind and raise the standard of living of those in the developing world.

**INTERESTS:**

Outdoor activities and sports.

**Mr Richard Payne**

New Zealand  
Christchurch

**COURSE IN CAMBRIDGE:**

PhD Chemistry; Downing College

**PREVIOUS UNIVERSITIES:**

University of Canterbury: BSc (Chemistry) 2001

My dream is to use the knowledge gained from my PhD at Cambridge University, to design and synthesise pharmaceuticals. I am interested in this field of science, as the research is rewarded by the knowledge

that you have the ability to improve the lives of others. I am especially interested in the synthesis of drugs to aid in the treatment of cancer, HIV and neurological disorders.

**INTERESTS:**

Sports. In New Zealand I captain my club team, and have represented my province (Canterbury) at junior levels. I also play competitive tennis and cricket and am involved in a number of other sporting and community activities.



**Mr Stephen S L Peppin**

Canada

**COURSE IN CAMBRIDGE:**  
PhD Applied Mathematics; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Prince Edward Island:  
BSc (Physics) 1997

University of Alberta:  
MSc (Chemical Engineering) 1999

.....  
**Cambridge will give me an excellent education in applied mathematics, allow me to meet many interesting and diverse**

people, and reveal many exciting career possibilities upon graduation. In the future, I plan to work as a researcher in environmental or biological science.

**INTERESTS:**

Golf, ice hockey, football, tennis, bridge jumping, sky diving, scuba diving; hiking/travel (Canadian Rockies, hitchhiking across Canada, backpacking in SE Asia and Western Europe); reading, folk music, trumpet.



**Mr Rob K Perrons**

Canada  
St Catharines,  
Ontario,

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Fitzwilliam College

**PREVIOUS UNIVERSITIES:**  
B. Eng. (1995) McMaster University, Hamilton,  
Ontario, Canada:  
S. M. in Technology & Policy (1997) MIT

.....  
**The principal goal of my research is to develop an understanding of the role that suppliers play in a customer firms' ability to develop new technologies over the long-term, and on the impact that these**

relationships can have on firms' make-buy decisions in a manufacturing environment. Second, I am developing a computer-based analytical model for assessing the potential strategic traps and benefits that might arise from a particular outsourcing policy involving new technologies. This research will position me for future careers in academia and government policy development.

**INTERESTS:**

Basketball, movies, stand-up comedy, travel, writing, and the odd trip to the gym.



**Mr Dimitrios Petousis**

Greece

**COURSE IN CAMBRIDGE:**  
PhD Engineering; St John's College

**PREVIOUS UNIVERSITIES:**  
Imperial College of Science, Technology and  
Medicine, University of London:  
MEng (Electrical and Electronic Engineering) 2001

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**My research is on the field of optical communications and photonic technology.**

**My work will hopefully add another piece to the puzzle that will probably revolutionise it, the optical switch.**

**INTERESTS:**

I enjoy open sea sailing, amateur archaeology, spending hours in academic bookstores and also playing football and taking part in stimulating discussions.



**Miss Hoai Pham (Julie)**

USA  
Washington

**COURSE IN CAMBRIDGE:**  
PhD History; Pembroke College.

**PREVIOUS UNIVERSITIES:**  
University of California Berkeley:  
BA (History and Anthropology) 2001

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**My undergraduate thesis on the South Vietnamese military perspective of the Vietnam War, based on interviews with veterans-émigrés, received numerous grants as well as public recognition. I am currently**

pursuing a PhD in Historical Studies, writing an intellectual genealogy of former British bureaucrat and Southeast Asian scholar John S. Furnivall, which reflects my continuing interest in how the conception of national and racial identity impacts knowledge formation in and of Southeast Asia.

**INTERESTS:**

Cooking gourmet meals, hosting theme cocktail parties, decorating interior spaces.



**Ms Darci Joelle Philips**

USA  
Northbrook,  
Illinois

**COURSE IN CAMBRIDGE:**  
MPhil BioScience Enterprise; Trinity Hall

**PREVIOUS UNIVERSITIES:**  
Vanderbilt University: BEng

While at Cambridge I will take advantage of the wealth of experience that both the University and the United Kingdom have to offer, continuing to pursue and develop my academic and professional interests in business and biotechnology. Upon finishing

my MPhil in BioScience Enterprise, I hope to pursue a career on the entrepreneurial side of biomedical industry.

**INTERESTS:**

Volleyball, running, hiking, snow skiing, theatre, movies and travel.



**Mr Edoardo Piano**

Italy

**COURSE IN CAMBRIDGE:**  
PhD Mechanical Engineering; St Edmund's College

**PREVIOUS UNIVERSITIES:**  
University College London:  
MEng (Mechanical Engineering) 2001

My previous research in mechanical engineering has been a time of fast personal growth and enthusiastic discovery of the potential of my subject. My PhD thesis aims to tackle an aspect of the growing problem of atmospheric pollution, and I hope that this will be a step towards the improvement of everyone's lives.

**INTERESTS:**

Volunteer: assisted the homeless and children in Africa with the Missionaries of Charity.



**Ms Deborah Sonia Pino Pasternak**

Chile  
Punta Arenas

**COURSE IN CAMBRIDGE:**  
PhD Education: Darwin College

**PREVIOUS UNIVERSITIES:**  
Universidad Metropolitana de Ciencias de la  
Educación: BA (Especial Educación);

Universidad de Chile:  
One-year certificate (Biology of Cognition);

Universidad Diego Portales:  
One-year certificate (Cognitive Development)

My nearest future goal is to successfully complete my doctoral studies in Education. In the following years, I will develop a reflective programme oriented to enhance the level of awareness that parents have in relation to the strategies they use to foster learning abilities in their children. I will design and put in practice this programme in families whose children have learning difficulties. I strongly believe that this project can have relevant implications in my home country, where parental involvement in educational environments has only been partially explored. Having

completed this first goal, I would like to return to Chile and to obtain a lectureship position which would enable me to have an impact in undergraduate student-teachers, but also to continuing developing research projects participating in government or community consultation groups. I would also like to work with other professionals in the creation of inclusive educational environments, giving to all children equal access to educational provision.

**INTERESTS:**

I really enjoy dancing and listening to different kinds of music. I like Latin American writers. My favourites are Mario Vargas Llosa, Marcela Serrano, Horacio Quiroga and Angeles Mastreta. I love Mexican, French and Spanish cinema. Singing and cooking are among my favourite activities too.



**Ms Andrea  
Christie  
Pizziconi**

USA  
Concord,  
Massachusetts

**COURSE IN CAMBRIDGE:**  
MPhil Land Economy; Darwin College

**PREVIOUS UNIVERSITIES:**  
Yale University: BA (History)

I hope to develop a model for incorporating small schools into mixed-use development projects and then implement it. I'm a big fan of finding ways to incentivize the private sector to naturally address through market forces those issues that elude municipal government. After working for several years in municipal government in New York and then real estate in New Haven, CT, I realized that derelict urban schools don't do justice to those children who attend them and

they also substantially detract from the re-vitalization of the cities within which they reside. I want to use my experience in real estate development to focus on the physical aspects of urban educational reform. Being a Gates Scholar is affording me the rare opportunity to leave my current responsibilities and devote all my energy to researching this one idea that I hope to devote a large part of my career implementing.

**INTERESTS:**

I am a classical vocalist, so most of my hobbies and interests have to do with opera and theater. I also love to direct plays, conduct, and I enjoy jazz, soul, and classical music (in terms of my own vocal repertoire). As I get older, I also seem to like to cook more and more.



**Ms Militsa  
Plavsic**

USA  
Westford,  
Vermont

**COURSE IN CAMBRIDGE:**  
PhD Zoology; St John's College

**PREVIOUS UNIVERSITIES:**  
University of Vermont: BS (Wildlife Biology) 1996  
Yale University: MS (Conservation Biology) 1998

I envision that, after completing a PhD at Cambridge and acquiring more field experience in Africa, I will assume a leadership position within an international conservation organization

and devote my energies to using sound science and cooperative approaches to support African nations interested in managing their wildlife resources sustainably.

**INTERESTS:**

Natural history, birding, languages (French, Spanish, Serbo-Croatian, Setswana), semi-professional choral singing, volunteer work (wildlife rehabilitation, assistance for families in need, environmental education), travel, hiking, biking, in-line skating, cooking.



**Mr Alexander  
Plekhanov**

Russia  
St. Petersburg

**COURSE IN CAMBRIDGE:**  
PhD Economics; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**  
St. Petersburg State University; Higher Education Diplome of Economist-Mathematician, 1997–2002; Supplementary Higher Education Diplome of Interpreter, 2002;  
University of Cambridge; MPhil (Economics) 2003

In the short term perspective, I would like to accomplish my PhD research at the University of Cambridge. Perhaps there is no problem more important for a successful development of Russian economy than that of fiscal federalism – that is why I chose it as a subject of my PhD research. In the mid term perspective, I would like to gain valuable experience working for an international company in Russia. Combining sound theoretical and practical backgrounds, I hope to reach the highest level of expertise in the relevant area and to

consult Russian government and the Russian central bank on matters of economic policy. The PhD course at Cambridge University, which a Gates Scholarship opened to me, will also enrich the range of analysis techniques I possess, deepen the understanding of economic processes and widen the range of all acquaintances which will be undoubtedly valuable in the future.

**INTERESTS:**

Swimming in the mornings (it gives a day a fresh start and brings a boost of energy), tennis, basketball, foreign languages (English, French, Spanish, German) and besides I collect donkeys.

**Ms Stacy Porter**

USA  
Belmont,  
Massachusetts

**COURSE IN CAMBRIDGE:**

PhD Economic & Social History; Trinity College

**PREVIOUS UNIVERSITIES:**

Harvard University: AB (Government) 2002

I am interested in the economic and social foundations of the post-industrial societies and in the differences in institutions, policies, and outcomes across the advanced democracies. My work at

Cambridge will focus on how the development of modern welfare states has shaped women's employment and in the history behind the marked differences in welfare policies among the advanced democracies. My long-term aim is to be involved in both academia and public policy making.

**INTERESTS:**

Running, music, photography, travel, fiction, politics, art, and writing.

**Mr John Prendergast**

Ireland  
Cashel

**COURSE IN CAMBRIDGE:**

PhD Aerodynamics; Wolfson College

**PREVIOUS UNIVERSITIES:**

University College Dublin, Ireland: BE

In coming to Cambridge, I am entering into research in aerodynamics. I am looking forward to meeting the challenges ahead and becoming a better engineer. I hope the experience will provide the base for a successful and fulfilling life addressing real-world problems and give me the ability and confidence to develop my ideas to make a positive difference. As a Gates Scholar, I

have this amazing opportunity to study in Cambridge. However, the benefit goes far beyond academic. Being part of this community will bring me into contact with people from all around the world, from a diverse range of academic backgrounds in addition to making new friendships. I think this will give me a better understanding of society and its needs. I hope to gain much in personal, academic and professional senses.

**INTERESTS:**

I am an avid sportsman be it as a player or a spectator. Most sports engage me. I love the outdoors and going hill or mountain walking. I also like music, reading and the cinema.

**Miss Meredith Michelle Price**

USA  
Maryland

**COURSE IN CAMBRIDGE:**

PhD History of Science; Darwin College

**PREVIOUS UNIVERSITIES:**

North Carolina State University:  
BSc (Biochemistry) 2001;

University of Cambridge:  
MPhil (History and Philosophy of Science)

I am currently conducting my PhD research

on the media coverage of molecular biology, focusing on the historical development of communication networks between molecular biologists and science journalists.

**INTERESTS:**

All sports and anything competitive! (volleyball, basketball, boxing, touch rugby) travelling wherever I can afford to go!

**Mr Giovanni Paolo Procopio**

Italy  
Montepaone Lido

**COURSE IN CAMBRIDGE:**

Certificate of Advanced Study, Mathematics;  
Churchill College

**PREVIOUS UNIVERSITIES:**

University of Bologna; BSc (Physics)

I am interested in exploring and identifying the basic principles governing the structure and behaviour and the generation and transfer of energy and matter. These principles lead to an understanding of the nature of time and the origin of the universe and to the development of advanced materials, electronic and optical devices and medical equipment, all things that improve peoples lives. I would like to develop the skills I need in cognitive research and in these theoretical fields leading to greater

understanding of the physical processes affecting everyday life and eventually to powerful practical application. In particular I would like to join the relativity and gravitation group because I am interested in the research areas covered by its members. I would like to be part of the University's influential international alumni network, bringing vision and commitment to improving the lives of all citizens in the world and I think that being a Gates Scholar will help to accomplish this ambition.

**INTERESTS:**

I love travelling around the world. I was the founder and the Vice-Chairman of "Iper & Signe", a student society that organises events and cultural trips. I was the high school students representative for the school year 1997-1998. I like very much opera and the cinema.



**Ms Riikka J  
Pyysalo**

Finland

**COURSE IN CAMBRIDGE:**  
PhD Education; Jesus College

**PREVIOUS UNIVERSITIES:**  
University of Helsinki: MA (Education) 2001

My course at Cambridge will provide a good basis for my professional development in achieving my aim to work in the field of school improvement by

providing research training as well as an opportunity to work with local schools.

**INTERESTS:**  
Member, student union of the University of Helsinki, Division for Academic Affairs; cultural issues and music.



**Mr Zoltan  
Radnai**

Hungary  
Budapest

**COURSE IN CAMBRIDGE:**  
PhD Physics; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: BA,  
MSci (Natural Sciences) 2002

I am doing a PhD in Condensed Matter Physics, after which I am planning to become a scientific researcher, perhaps at a University. I would like to contribute

significantly to the advancement of the scientific knowledge of humanity.

**INTERESTS:**  
Astrophysics, biochemistry and genetics. Computing and computer programming. Japanese language and culture. Literature and philosophy. Head judge of Trinity College Card Club. Bridge and other card games, logic puzzles. Tennis, table-tennis, squash and basketball.



**Miss Thimali  
Rajapaksa**

Sri Lanka  
Colombo

**COURSE IN CAMBRIDGE:**  
BMed, Clinical Studies; New Hall

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: BA

Being a medical student, my greatest hope for the future is simply to be the best doctor I can be and to believe I can make a difference to the health care system in my country.

**INTERESTS:**  
Sports and adventurous activities. I played in the University tennis and badminton pools in my first year and joined the Officers Training Corps in the second year. When I'm not outside, I like relaxing with my guitar or thinking up new places to travel to since travelling and meeting new people is another of my many interests.



**Mr Kyle Rand**

USA  
California

**COURSE IN CAMBRIDGE:**  
PhD Modern and Medieval Languages;  
Wolfson College

**PREVIOUS UNIVERSITIES:**  
SOAS, University of London:  
BA (Economics and Law) 1999

From the time that I was a boy my life has primarily consisted of two distinct strands that have slowly been moving towards each other. The intellectual and the artist are never far from each other, and yet even a small distance is never easy. Apart from my academic and intellectual interests in literature and philosophy, I have been a

student and practitioner of the plastic arts in general and fine art photography in particular; showing most recently at galleries in and around San Francisco. The proposed PhD will allow me to make a detailed inquiry into a relationship that has haunted me on both an intellectual and a creative level: the relationship between the arts, and the historical evolution of ideas.



**Mr Francis  
Lucian Reid**

New Zealand  
Auckland

**COURSE IN CAMBRIDGE:**

PhD History and Philosophy of Science:  
Corpus Christi College

**PREVIOUS UNIVERSITIES:**

University of Cambridge: BA (History);  
MPhil (History & Philosophy of Science)

I aim to be either a politically active academic or a politician in New Zealand. I support the centre-left and I advocate public transport. My PhD research will analyse the history of transport technologies in New Zealand. I aim to use this research to help formulate better transport policy in the future. Transport technologies have significant environmental, social and cultural consequences. I believe that in order to investigate these consequences, transport planners need to take a historical

perspective. The Gates Scholarship will allow me to study in the Cambridge History and Philosophy of Science Department, which is an acknowledged leader in technology studies and environmental history. The prestige of the Gates Scholarship will help me to find a history lectureship in New Zealand when I complete my studies.

**INTERESTS:**

To relax at home, I enjoy listening to the 'radio 4' and having the freedom to read a good newspaper. I enjoy travelling throughout continental Europe and visiting art galleries and museums. I love listening to good music and my CD collection includes everything from Reggae to Baroque and rap! I also enjoy music through my own singing and playing of the euphonium. Finally, in terms of sports, I enjoy playing football and cricket and watching rugby on television, particularly when New Zealand is winning.



**Mr Walter  
Herbert Werner  
Rentzsch**

Germany

**COURSE IN CAMBRIDGE:**

PhD Engineering; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**

Technische Hochschule, Aachen: Dipl Ing  
(Materials Science and Metallurgy) 2001

The objective of my research is the integration of shape and material in process selection. The central topic is to develop a generic methodology to understand the interactions between shape features, materials and process.

**INTERESTS:**

Academic – nonferrous metals, ceramics and composite materials; inventing (holds a patent in the field of materials testing); economics; business management (successfully participated in a business-plan-competition).



**Ms Mahnaz  
Rezaeian**

Iran  
Karaj

**COURSE IN CAMBRIDGE:**

PhD Earth Sciences, Churchill College

**PREVIOUS UNIVERSITIES:**

Shahid Beheshti University, Iran:  
BSc (Geology),  
MSc (Tectonics)

First of all, I appreciate the Gates Trust because they helped my dream come true to study at Cambridge University. The academic reasons as follows: I visited Cambridge last November and I found it to have a supportive environment in which to live and think peacefully and with any stress. I learnt that I can direct my reading and thinking and concentrate on nothing else. Also I became aware of the quality and range of facilities which were available for advanced studies. There is a strong and perfect match between my interests and the expertise of my supervisor, Dr Niels

Hovius, who is one of the leading specialists in my chosen field world-wide. Now I have the opportunity to be a part of an international community of outstanding scholars and students, so I can develop my research skills as much as I can. I will be working in a group of geomorphologists who together form one of the leading groups in the field worldwide. In this way, I can broaden my horizons, learn practical skills in data handling and interpretation and gain a great insight into how to best do scientific research and benefit my country and be useful to communities.

**INTERESTS:**

I love travelling, light sports and mountain climbing. I'm an amateur mountaineer and also very interested in Iranian arts, handicrafts and music. Also, I always enjoy voluntary work, teamwork, and activities that benefit humanitarian societies.



**Mr Oliver Rinne**Germany  
Minden**COURSE IN CAMBRIDGE:**  
PhD Theoretical Physics; Trinity College**PREVIOUS UNIVERSITIES:**  
University of Heidelberg:  
Vordiploma (Physics and Mathematics) 2000University of Cambridge:  
Certificate of Advanced Study in Mathematics 2002

I am trying to put spacetime on a computer  
and to help unravel the secrets that the

theory of General Relativity still keeps in  
extreme situations like stellar collapse and  
black hole information. With one of the  
leading institutes in Theoretical Physics,  
Cambridge is an ideal place to do research  
in this field.

**INTERESTS:**  
Music – playing the piano as a soloist and with  
chamber music ensembles, literature, art, cycling.

**Mr Robert Clay Rivers**USA  
Frankfort, KY**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Clare College**PREVIOUS UNIVERSITIES:**  
Kentucky State University: BSc (2003)

I aspire to teach and mentor college  
students at historically black colleges  
and universities to pursue careers in  
scientific research. As a Gates Scholar,  
I hope to learn all that I can through  
daily interactions with a diverse group  
of highly motivated individuals. These  
interactions with students will help me  
greatly in the classroom and in the

laboratory, and allow me to help more  
effectively.

**INTERESTS:**  
I enjoy doing anything athletic, reading and  
meeting new people.

**Mr Andrew Sutherland Robertson**USA  
San Diego,  
California**COURSE IN CAMBRIDGE:**  
PhD Genetics; Magdalene College**PREVIOUS UNIVERSITIES:**  
University of California San Diego:  
BSc (Molecular Biology) 1999,  
MSc (Development Biology) 2000

The similarities found between humans and  
seemingly unrelated organisms are often  
astonishing. My research on *Drosophila*  
immunity has furthered the parallel

between mammalian and insect host  
defense systems, once again promoting the  
fruit fly as a viable model for human  
pathways and disease. After graduation,  
I hope to continue my research on human  
immunity.

**INTERESTS:**  
Besides my thesis, I have been active in the design  
of the Gates Scholars Council and a player on the  
Varsity water polo team.

**Mr Alessandro Rospigliosi**

Italy

**COURSE IN CAMBRIDGE:**  
PhD Chemical Engineering; Selwyn College.**PREVIOUS UNIVERSITIES:**  
University College London: MEng (Chemical and  
Biochemical Engineering) 2001

My proposed course of study involves the  
synthesis of modified DNA analogues to  
form core components in microelectronic  
circuits. In order to bind these to  
silicon substrates, novel interfacial  
chemistries are being developed. It is my  
desire to continue in this field of research

and possibly to join a research institute  
in the future.

**INTERESTS:**  
Sailing, skiing, basketball, classical music.  
Committee, Amnesty International. Also,  
Vice President, first London MUN Society.



**Miss Ana Maria Rossi**

Argentina  
Bahia Blanca

**COURSE IN CAMBRIDGE:**  
PhD Pharmacology; Wolfson College

**PREVIOUS UNIVERSITIES:**  
National Southern University, Bahia Blanca,  
Argentina: BSc (Biochemistry)

Students from Argentina who wish to study abroad have few sources of funding for which they can apply to so the Gates Scholarship represents an excellent opportunity for me to study in the UK,

particularly at Cambridge University, a centre for scientific and academic excellence. After completing my PhD I would like to continue my training through postdoctoral positions in the same field and in the long term I aim to get a professorship and direct my own research projects back in Argentina.

**INTERESTS:**

Tango and salsa dancing, music (piano and spanish guitar) and singing (even though I'm not too good!), reading (particularly Latin American writers).



**Miss Antonia Ruppel**

Germany  
Frankfurt

**COURSE IN CAMBRIDGE:**  
PhD Classics and Comparative Philology;  
Newnham College.

**PREVIOUS UNIVERSITIES:**  
University of Cambridge:  
BA (Classics) 2001; MPhil (Classics) 2002

After my PhD in Historical Syntax I hope to stay in academia, to teach and do research. Having studied my subjects at universities in two countries (I was a visiting student of Erlangen, Germany,

last year) I would like to combine the approaches I have encountered and make teaching in my fields even more interesting to students of adjacent fields. Among the many levels on which I profit from being a Gates scholar, the most fundamental is this that, without the Trust, pursuing graduate studies would have been much more difficult, and maybe even impossible.

**INTERESTS:**

Music (violin, singing), amateur astronomy, walking. As a linguist, I am of course always interested in learning new languages.



**Mr Colin Russell**

USA  
Atlanta,  
Georgia

**COURSE IN CAMBRIDGE:**  
PhD Zoology; Queens' College

**PREVIOUS UNIVERSITIES:**  
Emory University: BS (Biology) 2001

At Cambridge, I plan to pursue research in theoretical ecology and epidemiology. My primary interests lie in using mathematical models to understand the

population dynamics of infectious diseases. I am particularly interested in the interplay of stochasticity and spatial heterogeneity in the development of patterns in disease spread. Upon completion of my PhD I will most likely return to the US to for a career in academia.

**INTERESTS:**

Travel, hiking, theatre and music.



**Mrs Oksana Ruzak**

Ukraine

**COURSE IN CAMBRIDGE:**  
PhD Engineering; St John's College

**PREVIOUS UNIVERSITIES:**  
Ivan Franks Lviv National University, Ukraine:  
BSc (Physics) 2000

I hope to become a specialist in telecommunications by continuing to do research (post-doctoral) in my subject, and

to use my acquired skills to develop new science and practice which will be of benefit to my country.

**INTERESTS:**

Sports – especially hiking, mountaineering orienteering and skiing. Organizer – social events, including student exhibitions, conferences and meetings. Member – two NGOs, international “Mothers for Peace” organization. Web-design, drawing and design.



**Miss Nuria Sanchez Puig**

Mexico

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**  
National University of Mexico:  
BA (Food Chemistry) 1999,  
MSc (Biochemistry) 2001

Protein Engineering is an area of study I got involved with during my Master's project. In future, I will apply this powerful technology to the manufacture of *nourishments*, and will study gastronomy to complement the scientific part of food chemistry with the artistic one.



**Mrs Claudia Yamile Sanhueza Riveros**

Chile

**COURSE IN CAMBRIDGE:**

PhD Economics; Churchill College

**PREVIOUS UNIVERSITIES:**

University of Chile: BSc (Engineering) 1998

My main research interests are labour markets, inequality and education.

Understanding how to fight poverty and inequality has always been the most important thought in my academic study. In my future career as an academic, I hope I will be able to contribute to the discussion of policies that can help to create a more equal and just society.



**Mr Sovan Sarkar**

India  
Kolkata

**COURSE IN CAMBRIDGE:**

PhD Medical Genetics; Hughes Hall

**PREVIOUS UNIVERSITIES:**

Presidency College, Calcutta University: BSc (Physiology) 2000

Madurai Kamaraj University, India: MSc (Biotechnology) 2002

Neurodegenerative diseases are most prevalent in the world population amongst elderly. I intend to pursue research on neurodegenerative diseases to understanding the disease pathology and find a possible therapeutic approach to ameliorate human suffering. Being a Gates scholar at Cambridge, I have got the opportunity to

work on a neurodegenerative disease called Huntington's disease and thereby take the first step in fulfilling my goal. In future, I want to extend this knowledge to establish extensive research on neurodegenerative disorders in India. My ultimate aim in life is happiness, satisfaction and to do beneficial research for the welfare of mankind.

**INTERESTS:**

I enjoy playing cricket and I have played for various sports clubs and my college in the past. In Cambridge, I've represented Hughes Hall in inter-college tournaments and Lab of Molecular Biology in inter-departmental league. I like music, painting, photography, travelling, meeting people from diverse cultures and writing scientific articles.



**Miss E J Sayer**

Switzerland

**COURSE IN CAMBRIDGE:**

PhD Plant Sciences; Trinity Hall

**PREVIOUS UNIVERSITIES:**

University of Bern: MSc (Biology and Botany) 2001

Although it was hard to leave friends and family, I am happy that I can continue research in the field of tropical ecology (I am really looking forward to my fieldwork in Panama), and hope to continue research in the field after

completing my PhD.

**INTERESTS:**

Cycling, walking, singing, reading, cinema, pool, going out with friends and travel – speaks four languages.



**Ms Sandra P M Scanlon**

Ireland

**COURSE IN CAMBRIDGE:**

PhD History; Peterhouse

**PREVIOUS UNIVERSITIES:**

University College Dublin: BA (History and Greek and Roman Civilisation) 2000, MA (International Relations) 2001

Over the course of my studies, I have developed a strong interest in both the history of foreign affairs and contemporary international relations. I intend to further explore this area through academic teaching or by directing my career toward the field of

supra-national organisations. My time at Cambridge has thus far broadened my understanding of other cultures, and I have had the opportunity to spend a great deal of time in the United States, conducting research for my PhD and exploring the country, and have taken advantage of the chance to travel throughout much of Europe.

**INTERESTS:**

Drama study and acting, swimming and music.



**Ms Dana Scardigli**

USA  
Haddonfield,  
New Jersey

**COURSE IN CAMBRIDGE:**  
PhD European Studies; Trinity College

**PREVIOUS UNIVERSITIES:**  
Harvard University: BA (Social Anthropology) 2002

I hope to make a significant contribution to the journalistic community, first and foremost in the European sphere, by honing my expertise and concrete knowledge in the fields of European law, economics, politics, and history through the discipline of Contemporary European Studies. My dissertation will center around the causes, consequences, and procreation initiatives

behind Italy's unofficial "one-child policy," namely the country's staggeringly low birth rate. Being a Gates Scholar and studying at Cambridge in particular will afford me the indispensable international perspective required of someone pursuing such a career path.

**INTERESTS:**

I am a self-proclaimed foodie and love to cook, try new restaurants, and taste foods of all ethnic denominations. I enjoy travelling, learning new languages, and asking people a million questions when I first meet them! Running by rivers, watching people, and reading about killer sharks also top my list.



**Ms Bridgitte Bess Schaffer**

USA  
California

**COURSE IN CAMBRIDGE:**  
PhD Anglo-Saxon, Norse and Celtic; Girton College

**PREVIOUS UNIVERSITIES:**  
University of California Berkeley:  
BA (Celtic Studies and History) 1998

University of Cambridge:  
MPhil (Anglo-Saxon, Norse and Celtic) 2001

My dissertation is a comparative study of the relationship between royalty and the Church in an insular context (England, Ireland, Wales and North Britain) to AD 1050. In my research I have examined

ecclesiastical negotiation, clerics who became kings, and the ties between royal dynasties and specific churches. When I finish my PhD, I want to teach medieval history at the university level in the USA, where I hope to continue my research relating the histories of what have been considered marginal polities to the histories of polities which have been accorded greater importance in the course of medieval history.

**INTERESTS:**

Interests: medieval political history, Latin American literature, local Californian history, and hiking.



**Mr Jost Schatzmann**

Germany  
Hamburg

**COURSE IN CAMBRIDGE:**  
MPhil Computer Speech, Text & Internet Technology;  
Darwin College

**PREVIOUS UNIVERSITIES:**  
Imperial College, London: BEng  
(Information Systems Engineering)

After completing the MPhil at Cambridge, I hope to lay the foundation for a career in academic research by doing a PhD. I am especially interested in 'text mining' and 'natural language understanding'

and could well imagine exploring these area further as part of my thesis. Coming to Cambridge as a Gates Scholar will certainly be an excellent preparation for further studies. I look forward to learning from some of the best people in my area of research and working among students from all parts of the world.

**INTERESTS:**

Running, squash, travel and going out with friends.



**Miss Johanna Schmidtke**

USA  
Chandler,  
Arizona

**COURSE IN CAMBRIDGE:**  
PhD Physics; Churchill College

**PREVIOUS UNIVERSITIES:**  
University of Arizona:  
BSc (Biochemistry/Mathematics) 2002

Researching in the field of organic electronics, I hope to contribute to improvements in material and device design for applications such as improved

electronic devices, more widely available educational tools, and economic, renewable energy sources. I will pursue an academic position and work to better link scientific advancement and its implications.

**INTERESTS:**

Musical performance, particularly on tuba, as well as hiking and travel.



**Mr Joel D. Schumacher**

USA  
Albany, New York

**COURSE IN CAMBRIDGE:**  
MPhil International Relations; Darwin College

**PREVIOUS UNIVERSITIES:**  
US Military Academy: BS (French/German)

The key to the security and prosperity of the United States and its allies lies in understanding what is happening in the world and how it affects us. Technology can do only half the job of collecting information and can do little to analyse it. Trained and talented human beings alone are capable of understanding the intricate working of foreign cultures, interpreting data that has as many intangible aspects as

quantifiable ones, and making decisions. A strong theoretical background in intelligence and international relations will complement the practical skills of leadership, language, and diplomacy that I have honed for the last four years. This combination will be advantageous not only to my immediate future as a military intelligence officer in the US Army but later as a diplomat responsible for keeping the peace between increasingly polarized governments while supporting the national interests of my own.

**INTERESTS:**

Foreign languages, travel and food, snowboarding, ice skating and blizzards, angry music, leadership, politics, investing, jogging, hiking and being outdoors.



**Miss Anne Schunck**

Germany  
Hagen

**COURSE IN CAMBRIDGE:**  
PhD Theoretical Physics; St John's College

**PREVIOUS UNIVERSITIES:**  
University of Heidelberg: Vordiplom (Physics) 2000  
University of Cambridge (DAMTP): Certificate of Advanced Studies in Mathematics 2002

Cambridge seems to me not only the right place to complete a PhD but moreover a

wonderful place to serve my verve for music. The DAMTP provides with its enormous variety of internationally leading research groups the ideal place to accomplish exciting and vivid research. Thus having completed the PhD in Cambridge will enable a great start towards an academic career.

**INTERESTS:**

Playing the violin.



**Mr Madhava Raghavendra**

India  
Hyderabad

**COURSE IN CAMBRIDGE:**  
PhD Architecture; Clare Hall

**PREVIOUS UNIVERSITIES:**  
Jawaharlal Nehru Technological University: BArch 1996,  
Master of Urban & Regional Planning 2000

**INTERESTS:**

Currently involved as a member of the Lion's Club, Hyderabad City Chapter. Actively participate in sports including cricket, lawn tennis, art including graphic design, outdoor photography of the built and natural environs.



**Miss Bedra Sharif**

Iraq

**COURSE IN CAMBRIDGE:**  
MPhil Genetics; Lucy Cavendish College

**PREVIOUS UNIVERSITIES:**  
University of Manchester: BSc (Genetics) 2001

I believe that studying for a Masters in developmental genetics at Cambridge University will be the first step in training

to be a professional and reliable scientist. In the future, I hope to contribute to the body of scientific knowledge and/or encourage the learning and appreciation of science in society.

**INTERESTS:**

Badminton, bridge; backgammon; current affairs (particularly topics concerning medicine and the environment).



**Miss Albina Shayevich**

USA  
Cranston,  
Rhode Island

**COURSE IN CAMBRIDGE:**  
PhD Social & Political Science; King's College

**PREVIOUS UNIVERSITIES:**  
University of Pennsylvania:  
BA (Psychology and International Relations) 2001

University of Cambridge:  
MPhil (Social and Developmental Psychology) 2002

There is no substitute for doing what you

love. More than anything, I want to keep pursuing my line of research in the psychology of memory, and hope to make serious contributions to our understanding of the human mind.

**INTERESTS:**

Fine art: in representing the human form and the faces of those I know. My area is mostly portrait painting and figure drawing in the realist-expressionist tradition.

**Ms Li Shan Shi**

China  
JinJiang City

**COURSE IN CAMBRIDGE:**

PhD Economics; St John's College

**PREVIOUS UNIVERSITIES:**

London School of Economics:  
BSc (Mathematics and Economics)

University of Cambridge: MPhil (Economics)

Upon graduation, I plan to pursue my career in the central bank of china, starting as a research analyst, thereafter I aim to become a professional economist in the economic research department. My intention is to be able to contribute to the financial success of the bank and in turn contribute to the financial success of China. Doing this will enable me to help realise plans that organise funding and grants from the bank for the benefit of local

schools and education. Being a Gates Scholar offers me the opportunity to broaden my knowledge and to proceed to a career as a professional in government service. My research career would also sharpen my understanding of fundamental economic concepts as well as provide me with pertinent skills and specialised training to become a proficient researcher in the central bank of China.

**INTERESTS:**

I like playing sports, e.g. tennis and table tennis, and listening to music. I play piano and sing, talents that were used in group activities at a teachers' training college in China. I like to do mathematics puzzles as a mental exercise and to help other people understand mathematics. I am a qualified mathematics teacher, tri-lingual and enthusiastic.

**Mr Aninda Sinha**

India

**COURSE IN CAMBRIDGE:**

PhD Theoretical Physics; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**

Jadavpur University: BSc (Physics) 1999

University of Cambridge:

Part II, Natural Sciences Tripos (Physics) 2000,  
Certificate of Advanced Studies (Mathematics) 2001

*My life and passion is physics. I am carrying out my research under one the founders and leading string-theorists of our*

time. My interests are wide – ranging from the phenomenological aspects to the intensely theoretical aspects of the subject. I have a couple of research papers under my belt dealing mostly with the former aspects. I want to delve into the abstract beauty of the subject and hope to continue research in string field theory.

**Miss Urbasi Sinha**

India

**COURSE IN CAMBRIDGE:**

PhD Materials Science & Metallurgy;  
Queens' College

**PREVIOUS UNIVERSITIES:**

Jadavpur University, Calcutta, India:  
BSc (Physics) 2000

University of Cambridge:

BA (Natural Sciences) 2002

Superconductivity is my proposed field of research. Rich in theory, but at the same time an experimentalist's delight; it is one of the most intriguing branches of Condensed Matter Physics. My aim is to do research, which is a fulfilling, and stimulating experience for me, and a beneficial endeavour for others. I hope to carry on with interesting work after PhD and remain in academia, which would enable me to have valuable exchanges and interactions with the ever so bright

and eager younger generation. Perhaps wishful thinking right now, but in the future I do hope to be able to make contributions towards development of Room – temperature Superconductivity.

At the heart of High Tc Superconductivity lies a promise for the near future. I might as well say that having just completed the first electrical century ushered in by Thomas Edison, we are now entering a second one, ushered in by High Tc Superconductivity.

**INTERESTS:**

Quizzing, music, dance, poetry writing, debate, dramatics and computers.



**Miss Wilatluk Sinswat**

Thailand

**COURSE IN CAMBRIDGE:**  
PhD Land Economy; St John's College

**PREVIOUS UNIVERSITIES:**  
London School of Economics and Political Science:  
BSc 1997, MSc (Economics) 1999

University of Cambridge:  
MPhil (Development Studies) 2001

**I chose to study economics solely because I hope to become a future policy maker in the belief that economic policies carry the most potential for significantly improving people's lives. Obtaining a PhD is an essential step to achieving this aim. I will return to the Bank of Thailand with a**

**thorough understanding of people-focused policies, in a position to offer my own policies for consideration. Ultimately I plan to work on world development issues through international organisations.**

**INTERESTS:**

Secretary/co-founder, Thai society, and co-director/choreographer, annual modern dance show (LSE); ran an evening course for Bank of Thailand staff to improve their English language. Volunteer – helps in orphanages in Thailand; organiser, children's festival play performed in a slum area of Bangkok; visited and gave financial support to a temple that provides a home for HIV patients who have been rejected by their families and friends.

**Mr Jeffrey M Skopek**

USA  
New York

**COURSE IN CAMBRIDGE:**  
PhD History and Philosophy Sci/Med;  
Queens' College

**PREVIOUS UNIVERSITIES:**  
Stanford University: BA (History) 2002;

University of Cambridge:  
MPhil (History & Philosophy of Science) 2003

**research at a top university, without the distractions that normally come with being a lecturing academic philosopher. I also want to write serious fiction, and the experience of living abroad for a few years won't hurt. Studying at Cambridge is of course, also an opportunity to meet some intelligent and interesting people.**

**INTERESTS:**

Golf (for handicap), writing fiction, loud music, reading (fiction and biographies).



**Mr Johannes Petrus Smit**

South Africa  
Stellenbosch

**COURSE IN CAMBRIDGE:**  
PhD Philosophy; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Stellenbosch: BA (Law),  
BA Hons (Philosophy) Cum Laude,  
D. Phil (to be awarded December 2003)

**My main future goal is to do interesting research in philosophy. The Gates Scholarship gives me the opportunity to do**

**INTERESTS:**

Golf (for handicap), writing fiction, loud music, reading (fiction and biographies).



**Ms Hilary Allester Soderland**

USA  
Seattle,  
Washington

**COURSE IN CAMBRIDGE:**  
PhD Archaeology; Pembroke College

**PREVIOUS UNIVERSITIES:**  
Wellesley College: BA (Anthropology, Peace and  
Justice Studies) 2001  
University of Cambridge: MPhil (Archaeology) 2002

**My PhD research at Cambridge examines the first century of US federal archaeology**

**legislation in terms of the evolving concept of heritage as reflected in the law and its social context. After my studies at Cambridge, I plan to attend law school to examine further the impact of the laws of nations and international entities on global archaeological problems and policies, cultural heritage management, and the antiquities trade.**

**INTERESTS:**

Travel, athletics, soccer, hiking.



**Miss Jessica Stebbins**

USA  
Greensboro,  
North Carolina

**COURSE IN CAMBRIDGE:**  
PhD Economic & Social History; Peterhouse

**PREVIOUS UNIVERSITIES:**  
University of North Florida: BA 2001

**In college I was active in volunteer work and a member of the competitive Mock Trial team. I spent three years volunteering**

**with Hubbard House, a domestic violence shelter, helping abused women get protective injunctions. I am planning to attend Yale Law School after Cambridge and pursue a career in justice.**



**Mr Asbjørn Steglich-Petersen**

Denmark  
Aarhus

**COURSE IN CAMBRIDGE:**  
PhD Philosophy; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Aarhus: BA (2001), MA (2003)  
UC Berkeley: Grad Studies (2001–2002)

My primary professional goal is to become able to work as a teacher and researcher on the philosophical and conceptual problems facing the attempt to give an account of the conscious mind. Studying for my PhD at

Cambridge will be an important step in accomplishing this; a step that would not be possible without support from the Gates Cambridge Trust. Not less importantly in becoming a part of the Gates Scholars community – comprised of talented people from many different countries and fields of research. I hope to be able to broaden my experience both socially and scholarly.

**INTERESTS:**

Mountaineering, rock climbing, hill walking, cooking (part-time chef).



**Ms Robin Stein**

USA  
North Hollywood,  
California

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Churchill College

**PREVIOUS UNIVERSITIES:**  
Michigan State University:  
BS (Chemistry) 2002,  
BA (Interdisciplinary Humanities) 2002

After I receive my PhD in Chemistry, I hope to become a professor of chemistry.

**INTERESTS:**

Clarinet and recorder.



**Miss Astrid Swenson**

Germany

**COURSE IN CAMBRIDGE:**  
PhD History; Fitzwilliam College

**PREVIOUS UNIVERSITIES:**  
Mohannes Lutenberg University, Mainz:  
History, 1998

University of Bourojne: license (History) 1999

University of Cambridge:  
MPhil (European Studies), 2001

I intend to combine the knowledge previously obtained in my different subjects by focusing on the relationship between art, propaganda and representation of gender in

Germany and France in the interwar period. By studying with international experts, and using the excellent facilities in my field of research, my proposed course of study at Cambridge will help me with the aims of my future academic carrier.

**INTERESTS:**

Tutor in Modern European History, and guide for guests, University of Mainz; guide for the Gutenberg Museum, Mainz; editor conference journal, *Cambridge Review of International Affairs*. Has resided in various countries so is particularly interested in languages and intercultural exchange. Listens to music, plays piano and sings; performing theatre; painting; badminton.



**Miss Simoni Symeonidou**

Cyprus

**COURSE IN CAMBRIDGE:**  
PhD Education; Darwin College

**PREVIOUS UNIVERSITIES:**  
University of Cyprus: BEd 1998  
University of Manchester: MEd 1999

My proposed studies at Cambridge will be the starting point in pursuing the aims of my future career. The knowledge and qualifications acquired at Cambridge will enable me to apply for key positions in professions dealing with research on education and education policy, to contribute to the in-service training of educationalists, and to

participate in consultation procedures for prospective legislative developments concerning education for the disabled. I will also be able to contribute to the empowerment of rights for the disabled in Cyprus.

**INTERESTS:**

Member, organising committee of the Cyprus Association of Special Education (CASE). Discussions, Parliamentary Committee of Education concerning white papers on special education. Learning support teacher. Special and inclusive education policy and practice in Cyprus and in other countries. Disability rights movements. Qualitative research methods. Theatre; musical events; Greek and international literature.



**Ms Su Yin Tan**

Canada  
Edmonton

**COURSE IN CAMBRIDGE:**

PhD Geography; Wolfson College

**PREVIOUS UNIVERSITIES:**

Boston University (USA): MA (Geography)

University of Guelph (Canada):  
BSc (Environmental Science)

My ultimate career goal is to become a leading researcher in the development and use of geographic information technologies, as applied to the environmental and social sciences. Having spent my childhood in Papua New Guinea, I have always been fascinated with nature and my unique life experiences have strongly connected me to social needs. I believe that environmental problems are highly complex and require a multidisciplinary approach to solve them. By pursuing my proposed studies at the

University of Cambridge, I hope to gain the technical expertise and practical experience needed to specialize in the application of such technologies in a socioeconomic and public health context. Following my PhD studies, I hope to continue in academia and to teach students, while participating in consultancy work in developing countries. By pursuing these interests, I hope to make a valuable contribution to the related areas of environmental health, international development, and sustainable development.

**INTERESTS:**

I have grown increasingly aware of the diversity of environmental and social issues while participating as an active member in numerous international student clubs. My interests include travelling, environmental activism, creative writing, playing the piano, listening to music, and being involved in community volunteer activities.

**Mr Moncef Tanfour**

Algeria  
Skikda

**COURSE IN CAMBRIDGE:**

PhD Chemical Engineering; St John's College

**PREVIOUS UNIVERSITIES:**

Imperial College London ;  
MEng (Chemical Engineering) June 2002

UNITECH International Society (Switzerland)/Delft  
University of Technology (Netherlands);

UNITECH International Degree, September 2002

The Gates Cambridge Scholarship enables me to conduct my PhD in an

internationally-renowned academic institution at the forefront of research and teaching. I am equally thrilled to be part of a vibrant collegiate community. My ultimate goal is to contribute to the improvement of knowledge transfer and technology management in the developing world. I am certain that my stay in Cambridge will enhance my chances to fulfill this ambition.

**INTERESTS:**

Socialising, sports, cinema, languages and non-profit work.

**Miss Natasha Telyatnikova**

Russia

**COURSE IN CAMBRIDGE:**

PhD Immunology; St Catharine's College

**PREVIOUS UNIVERSITIES:**

University of Cambridge:  
BA (Natural Sciences) 2000

At this stage it is difficult to know for certain how my career will develop, but I am committed to the future of medicine

through research and see the PhD degree as an essential step in my scientific development.

**INTERESTS:**

Ballroom and Latin dancing, travel and member of Medical Students International Network.

**Ms Mamta Thangaraj**

India  
Tuticorin

**COURSE IN CAMBRIDGE:**

PhD (Physics); Wolfson College

**PREVIOUS UNIVERSITIES:**

Manonmaniam Sundaranar: BEd, BSc, MSc (Physics)

Higher education from a reputed and renowned institution is without doubt, aspired by many. Pursuing higher education studies abroad is an expensive venture, and the Gates Scholarship has made this dream materialise. Besides working with the best in the field, it is an opportunity to work at the cutting edge of technology, opening up many career avenues. I intend to follow up my

PhD with a post doctoral course and I believe that I'll be well advised and guided by experienced scholars. Whilst a Gates Scholar, I'll be getting the best training I can ever hope for, which will aid me in my teaching a research profession. An active person, bubbling with enthusiasm, I cannot bear to be idle, involving myself in one form of activity or another. So my friends call me 'quicksilver', seeing me always on the move.

**INTERESTS:**

An avid reader, fiction and the classics are my favourite. Besides philately and numismatics, I also enjoy painting, travel and trekking.



**Mr Arasanathan Thayanathan**

Sri Lanka  
Jaffna

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Jesus College

**PREVIOUS UNIVERSITIES:**  
University of Oxford:  
MEng 2001

I am doing my PhD in video-based human action recognition and natural human-computer interaction. Fast computers and cheap video cameras are driving the demand for immersive human computer interfaces. With the recent advances in the field of computer vision, it will be soon

possible for computers with video cameras to identify human action and interact naturally in real time. The ramifications of such a technology will hugely influence the designs in all areas, where human-computer interactions are necessary. I intend to continue my research in this exciting field after my PhD.

**INTERESTS:**

I am a committee member of Cambridge University Sri Lanka Society and I help to organize cultural and recreational events. My other leisure activities include cycling, playing badminton and reading science fiction.



**Ms Susanna A Throop**

USA  
New York

**COURSE IN CAMBRIDGE:**  
PhD History; Trinity Hall

**PREVIOUS UNIVERSITIES:**  
Cornell University: BA (History and English) 2000  
University of Toronto: MA (Medieval Studies) 2001

I am researching the evolution of the concept of crusading as an act of vengeance

in twelfth-century Europe, with an eye on all the ways in which vengeful crusades are still justified in the twenty-first century world.

**INTERESTS:**

Hiking, biking, novels (esp. nineteenth century and fantasy), vintage clothing, cooking, and creative writing.



**Mr Indrasenan Thusyanthan**

Sri Lanka

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Girton College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge: BA/MEng (Civil, Structural and Environmental Engineering) 2001

My previous research in geotechnical engineering looked at construction process induced vibrations on underground structures, and paved the way for my present subject of research – integrity of waste containment systems under earthquake loading. Many land fills contain toxic wastes, and it is a potential

threat to life if land fill liners fail under earthquakes and pollute the environment. It is essential to understand liner stability under earthquakes, which is not fully understood at present. My study will use model land fill liners in a centrifuge and the strength of the liners under earthquake loading will be investigated, leading to a better understanding of the strength of land fill liners and their design with a degree of earthquake resistance.

**INTERESTS:**

College cricket, badminton, table tennis and watching television documentaries.



**Ms Anke Timmermann**

Germany  
Minden

**COURSE IN CAMBRIDGE:**  
PhD History & Philosophy of Science;  
Robinson College

**PREVIOUS UNIVERSITIES:**  
University of Heidelberg:  
MA (English Language & Literature, Philosophy)  
University of Glasgow: MPhil (English Language)

I hope to pursue a research career following my doctoral work, in order both to disseminate my research to an academic audience and to promote wider understanding of my subject. My research focuses on the conceptualisation and communication of medieval alchemical ideas through the medium of alchemical poetry. As I am working from an

interdisciplinary and multilingual background, I hope to organise related research projects and international conferences, possibly in collaboration with universities as well as relevant academic bodies such as Wellcome and Max Planck Institutes. As a Gates Scholar, I will get the support to realise my goals in and environment which is exceptionally well suited to these purposes. I am excited to become part of a community of scholars united by the desire to make ground-breaking contributions to their disciplines and beyond.

**INTERESTS:**

Tap dance (esp. choreography), music (jazz, funk, baroque), reading, creative writing, good food and wine, swimming, theatre and cinema.



**Mr Christopher Tooley**

New Zealand

**COURSE IN CAMBRIDGE:**  
PhD Education; Girton College

**PREVIOUS UNIVERSITIES:**  
Massey University: BEd 1998

Auckland College of Education:  
Diploma of Teaching 1998

University of Auckland: MA 2000

My PhD studies at Cambridge will provide the opportunity to explore the notion of selfhood in its ability to act as a reference point of truth for social groups seeking political self-determination. With regards to my future aspirations, my research will serve to provide a theoretical grounding in pursuing a career in social and political policy development.



**Ms Deepti Trivedi**

India  
Delhi

**COURSE IN CAMBRIDGE:**  
PhD Molecular Biology; Churchill College

**PREVIOUS UNIVERSITIES:**  
Delhi University: BSc (Biochemistry)  
NCBS: MSc (Life Sciences)

I am a student of life sciences and have a strong desire to understand the natural processes. I am interested in fundamental neuroscience, specifically in understanding the intracellular signaling at basic level, leading to complex perispherical and higher level processing. I want to pursue

fundamental research and education as a career. Basic research at University of Cambridge would help me learn and put together my efforts to start on an independent research group in India. I am extremely thankful to the Gates Cambridge Scholarship which has made the first step towards achieving my goal possible.

**INTERESTS:**

I am interested in reading, writing, painting and listening to Indian Classical music.



**Mr Petri Tuomola**

France  
Golte Juan

**COURSE IN CAMBRIDGE:**  
MPhil Finance; Queens' College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge; MEng,  
MA (Electrical Sciences)

Working for the last three years as a consultant at the world's largest consultancy company has provided me with wide international expertise in applying technology to solve complex real-world problems. Taking the next step in my career, I would like to take the experience

I have gained and apply it to problems in another field – finance – and in a setting where my work would be benefiting the society more widely. With the help of the knowledge, I will acquire as a Gates Scholar studying the MPhil in Finance course, my goal will be to find a job in an international financial or non-governmental organization which is responsible for financing, managing and implementing projects in developing countries.

**INTERESTS:**

Snowboarding, golf, fitness training.



**Ms Tatiana Tzoulia**

Greece  
Athens

**COURSE IN CAMBRIDGE:**  
PhD Economics; Pembroke College

**PREVIOUS UNIVERSITIES:**  
MIT: BS (Biology)

Stanford University:  
MA (Communication Theory and Media Studies)

LSE: MSc (Econometrics and Mathematical Economics)

Ultimately, I hope to contribute to the improvement of society as an economist, a teacher and a citizen. One of my ambitions is to establish a centre of information economics that will bring together the research of academic economists and the experience of practitioners in the field, reaping the benefits of interdisciplinary work.

**INTERESTS:**

Literature, writing, cinema, and swimming.



**Dr Murali  
Vadivelu**

India  
Madras

**COURSE IN CAMBRIDGE:**

PhD Protein Engineering; St John's College

**PREVIOUS UNIVERSITIES:**

The Tamil Nadu Medical University, India; MBBS

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A scientist who discovers a new medication or vaccine or the like will help the entire humanity. For example, Salk's polio vaccine made an immense impact in human history. This is usually very difficult to achieve in

clinical medicine alone. Thus, I decided on a research career in the basic sciences. My research experience in the Centre for Protein Engineering, University of Cambridge, will provide me the unique opportunity of being a part of 'the Cambridge Phenomenon', which will enable me to extend the benefits of the phenomenon to the development of third world countries.



**Mr José Andrés  
Vallejo**

Ecuador

**COURSE IN CAMBRIDGE:**

PhD Geography; Churchill College

**PREVIOUS UNIVERSITIES:**

University of Ecuador: BSc (Biology) 1995

University of Cambridge: MPhil, 2000

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My bachelor's degree is in Biological Sciences, and because of my research in herpetology, I spent a couple of years researching the Ecuadorian Amazon, affording me the opportunity to travel all over Ecuador. I also became involved with nature conservation and, with this

background and help from some of my colleagues, we established a geographical magazine about Ecuador, where I have been working for the past four years. I *paused* on this job to do an MPhil course on Environment and Development at Cambridge in 1999, and I am pleased to have been given the chance to come back to continue my studies in Geography which, I hope, will help me to better understand the diverse and complex realities of my country.

**INTERESTS:**

Photography, bike touring, mountain climbing.



**Ms Nicole  
Kathleen Van  
der Laak**

New Zealand  
Auckland

**COURSE IN CAMBRIDGE:**

PhD Materials Science and Metallurgy; Clare Hall

**PREVIOUS UNIVERSITIES:**

University of Auckland: BSc (Chemistry);

MSc (Chemistry) 2003

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One of the main reasons for wanting to continue my education at a doctorate level, is that I would like to be involved in research as a career. I am interested in the development and applications of new technologies and advanced materials, that can be used in society. In the future I would like to have links with, or be directly involved with businesses and industry to help develop new materials for production. I am also interested in academic teaching,

and hence another of my aspirations is to become a lecturer and researcher within a university environment. I am interested in effective science communication, both at an academic and community level. I believe that being a Gates Scholar will give me opportunities to network with other scientist, and build my skills so that I can pursue both research and science teaching and communication in the future.

**INTERESTS:**

My interests include public speaking where I am involved with regular meetings with Inex Seminars and the Royal Society Communicators Programme. I enjoy playing social sports such as soccer and love going to the beach. I play the piano and belong to 'Encounter Christian Center', where I am involved with the Young Adults.



**Mr Marko Velic**  
Croatia

**COURSE IN CAMBRIDGE:**

PhD Physics; Churchill College

**PREVIOUS UNIVERSITIES:**

University of Zagreb: BSc (Physics) 2000

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The Gates Cambridge Scholarship will give me the opportunity to fulfill all that is expected of me by Croatia and its people. I aim to contribute to its [re]development in science (and a wide range of social

activities) by considering whether the years of communism and war have permanently scarred its culture, science and technology. Studying at Cambridge is one of those priceless experiences that will give me the opportunity to achieve these aims.



**Ms Julie-Ann Vickers**

Australia  
Brisbane

**COURSE IN CAMBRIDGE:**  
PhD History; Clare Hall

**PREVIOUS UNIVERSITIES:**  
University of Queensland:  
BA (Psychology and Sociology) 1995,  
BA (Medieval Studies) 2001

My interests have primarily centred on the experience and exploration of other cultures and societies. This fundamental

orientation has fuelled my experiences overseas as an independent traveller, as well as a fascination for history at both the extra curricular and academic level. I also take an active interest in environmental issues, particularly in terms of the local community, and I maintain a commitment to the promotion of equity in higher education. In the future I hope to pursue a career in historical research and work collaboratively at an international level.



**Mr George Vogiatzis**

Greece  
Thessaloniki

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Trinity College

**PREVIOUS UNIVERSITIES:**  
Imperial College of Science, Technology and Medicine:  
MSc (Computer Science and Mathematics)

I am interested in solving challenging problems on a scientific or recreational level. I hope my course at Cambridge will

give me the experience and qualifications necessary to pursue a career in academic or industrial research. Eventually I would like to return to Greece and promote technological education and research from an academic position.

**INTERESTS:**

I play the guitar and I enjoy reading classical literature.



**Ms Cara Michel Wall**

USA  
Washington

**COURSE IN CAMBRIDGE:**  
PhD Biological Anthropology; St Edmund's College

**PREVIOUS UNIVERSITIES:**  
Seattle Pacific University:  
BA (Literature, Anthropology and Biology) 2000  
University of Cambridge:  
MPhil (Biological Anthropology) 2001

I am participating in a cross-disciplinary study of how climate and seasonal changes influence human settlement

patterns. I hope to use this project to continue research in how humans adapt to their specific environment and niche, and how drastic climatic changes will alter human susceptibility to population depletion. My goal is to provide future students with an awareness of their relationships to all manner of environmental stimuli.

**INTERESTS:**

String quartet, symphony orchestra (viola) and athletics.



**Miss Yalan Wang**

China  
Anyang

**COURSE IN CAMBRIDGE:**  
PhD Engineering; Christ's College

**PREVIOUS UNIVERSITIES:**  
Xi'an Jiaotong University:  
BEng (Electrical Engineering) 2000  
Tsinghua University: 2002

I feel honoured to be a part of the Gates Cambridge Scholars. This helps me to realise a long-term dream – to pursue

further study in such a prestigious University as Cambridge. Now it is time to act for the next goal! Passion and effort will make me prepared for the future challenges either in academic research or in industry development.

**INTERESTS:**

Music, swimming, writing, travel and getting to know different cultures.

**Mr Feng Wang**

China

**COURSE IN CAMBRIDGE:**  
PhD Physics; Wolfson College

**PREVIOUS UNIVERSITIES:**  
Nanjing University:  
BS (Optoelectronics) 2000  
MS (Optoelectronics) 2003

*Will be arriving January 2004*

**Mr Caleb Ward**

New Zealand  
Medicine

**COURSE IN CAMBRIDGE:**

BA (Affiliated) Medicine; Corpus Christi College

**PREVIOUS UNIVERSITIES:**

University of Cambridge: BA (Geography)

Whilst studying geography at Cambridge, I have focussed on International Development, Environmental Politics and the application of GIS in disease mapping. My Part II dissertation examined the interaction between disease and globalization, focussing on the resurgence of TB in East London. In particular I was interested in media representations of immigrants and the inability of the global political infrastructure to respond to trans-national health issues. I now wish to combine my geographical background

with medicine, allowing me to ultimately move into the field of public health. I believe that the benefits of medicine must be made available to all, irrespective of personal or national wealth. Attending Cambridge will give me an internationally recognised medical qualification, serving as a springboard to a career in international health. Cambridge is also well situated with respect to the international infrastructure of the UN and WHO, and the London School of Hygiene and Tropical Medicine.

**INTERESTS:**

Debating: World Universities Debating Champion 2003 & 2004 – British Debate Squad, Music: Violin and choral singing – member of Cambridge University Symphony Orchestra, Water-skiing and hiking.

**Mr Jeremiah Wathen**

USA  
Louisville,  
Kentucky

**COURSE IN CAMBRIDGE:**

MSc Physics; Peterhouse

**PREVIOUS UNIVERSITIES:**

US Naval Academy, Annapolis: BSc (Physics) 2002

I have received commission as an officer in the US Navy, qualified for service as a nuclear submariner.

I'd like to get involved as much as possible at Cambridge. In the long term, I think my

time at Cambridge will only make me a better naval officer – I'll certainly be able to apply my physics know-how in the US Fleet. But, perhaps more importantly, introductions to foreign people and cultures will make me a wiser leader.

**INTERESTS:**

Dramatic theatre and football.

**Mr Rochana Wickramasinghe**

Australia  
Canberra

**COURSE IN CAMBRIDGE:**

PhD Oncology; Trinity College

**PREVIOUS UNIVERSITIES:**

University of Melbourne, Australia:  
BSci (Biomedical Science)

I hope to be a successful biomedical researcher, and hopefully contribute to saving lives from diseases such as cancer through my research.

**INTERESTS:**

Tennis.

**Mr Jason Williams**

USA  
Hampton,  
New Hampshire

**COURSE IN CAMBRIDGE:**

PhD, Engineering; Churchill College

**PREVIOUS UNIVERSITIES:**

Princeton University: BSc (Engineering) 1998

As people interact with technology more, creating great human/computer interfaces becomes crucial. At Cambridge, I plan on researching how to improve computers' abilities to interact with people using spoken language – in particular,

creating an algorithm to “learn” how to interact with people by observing conversations. Later on, I hope to further any insights gained by either leading research or application in industry.

**INTERESTS:**

I'm an avid hiker, regular runner and occasionally marathoner, aspiring chef, frequent traveller and committed oenophile. I volunteer as webmaster of an alumni organization, and I speak to young people about topics and careers in science and math.



**Mr Greg Williams**

USA  
Indiana

**COURSE IN CAMBRIDGE:**  
PhD Chemistry; Churchill College

**PREVIOUS UNIVERSITIES:**  
Indiana University:  
BSc (Chemistry and Mathematics) 2000

**INTERESTS:**  
Volunteer – Habitat for Humanity; staff member,  
National Youth Science Camp (summer 2000).  
Captain 2001 Churchill College University  
Challenge; MCR academic officer.

I plan to teach at university level, and I would like to incorporate the best points of the Cambridge teaching and chemistry curriculum into the American Liberal Arts system.



**Mr J L Witsoe**

USA  
California

**COURSE IN CAMBRIDGE:**  
PhD Social Anthropology; Clare Hall.

**PREVIOUS UNIVERSITIES:**  
University of California Santa Cruz:  
BA (Psychology) 1998  
University of Chicago: MA (Social Sciences) 2000

in Bihar, India. Bihar is among the poorest and most conflict-ridden states in India and yet it exhibits a vibrant and highly participatory democracy. I hope that my work will contribute both to efforts to understand the specific and highly complex problems in Bihar as well as to a more general understanding of the relationship between democracy, development and culture.

In my present work in Social Anthropology, I am looking at the relationship between democratic practice, caste, and village life



**Mr Mattias Norbert Rudolph Wohlfarth**

Germany

**COURSE IN CAMBRIDGE:**  
PhD Theoretical Physics; Trinity College

**PREVIOUS UNIVERSITIES:**  
University of Heidelberg:  
vordiploma (Physics and Mathematics) 1998,  
Diploma (Physics) 2000

University of Cambridge:  
Certificate in Advanced Mathematics, 2001

**INTERESTS:**  
Music, piano, alto recorder, literature.



**Ms Julia Wolf**

Germany  
Stuttgart

**COURSE IN CAMBRIDGE:**  
PhD Pure Mathematics; Clare College

**PREVIOUS UNIVERSITIES:**  
University of Cambridge;  
BA; Certificate of Advanced Studies in Mathematics

academic career in mathematics. At the same time, I also have a strong interest in international politics and development work, and consider this a challenge equally worth pursuing.

**INTERESTS:**  
Music (violin) and foreign languages.

Having been awarded a Gates Scholarship, I will be able to continue my studies at Cambridge through to PhD level, which will hopefully be a first step towards an



**Ms Melanie Wood**

USA  
Indianapolis, IN

**COURSE IN CAMBRIDGE:**

Certificate of Advanced Studies in Mathematics;  
Trinity College

**PREVIOUS UNIVERSITIES:**

Duke University, BSc (2003)

My future goals are to get a PhD in mathematics and become a research mathematician. My fields of interests are algebraic number theory and arithmetic geometry. I want to understand as much as I can about the structures in these fields, both through learning what has been discovered and making new discoveries. Also, I want to instigate communication about these understandings through extensive collaboration, talks, teaching, and working with students. Being a Gates

Scholar will allow me to complete Part III of the Mathematical Tripos. In this course, I will be able to take a wide variety of math classes, in my fields of interest to achieve depth and in other fields to achieve breadth. This coursework will give me an excellent foundation upon which to enter a PhD program, whereby I can carry out dissertation research that will give a strong launch to my career.

**INTERESTS:**

Theater (directing, acting, voice work, voice and text work, text based Shakespeare, movement theater, attending theater!). Philosophy (free will, ethics, consciousness). Ballroom dance; running and /or volunteering for math competitions for younger students (in particular MathCounts and Math Olympiad), Duke basketball, card games, modern art, chocolate.



**Ms Anke Wurzbacher**

Germany  
Nurenburg

**COURSE IN CAMBRIDGE:**

PhD Land Economy; Darwin College

**PREVIOUS UNIVERSITIES:**

University of Melbourne, Australia:  
BA, Bachelor of Commerce 1998,  
honours in Environmental Economics 1999

University of Cambridge:  
MPhil (Environmental Policy) 2002

Environmental and development issues play an important role in my extra-curricular activities, such as volunteering for a World Bank-funded project in the Ecuadorian cloud forest. I worked with local people on infrastructure projects designed to

encourage self-sufficient living as well as contributing to the development of a tourist scheme that is economically profitable as well as environmentally sensitive. Undertaking a PhD at Cambridge University will be instrumental to my goal of applying the highest level of knowledge and insights in environmental and development economics to international aid projects. The additional skills I expect to learn will put me in a better position to apply my passion and talents professionally and efficiently with the aim of contributing to the well-being of the global community.



**Ms Tatyana Yakovleva**

USA  
Connecticut

**COURSE IN CAMBRIDGE:**

PhD Biological Science; Churchill College

**PREVIOUS UNIVERSITIES:**

Boston College: BSc (Biochemistry) 2003

centered at financial market instability. The development is to unravel the causes of instability, with a focus on market microstructure and complex interaction of individuals and environment. The research aims to contribute towards both a better risk management system at individual level and an enhanced crisis management scheme at national level.

**INTERESTS:**

Chinese calligraphy, music, travel and reading. organised forums and major annual events). Chinese calligraphy, travel.



**Miss Ju-Huei Steffi Yang**

Taiwan

**COURSE IN CAMBRIDGE:**

PhD Economics; Trinity College

**PREVIOUS UNIVERSITIES:**

University of Cambridge: MPhil 2001

Great minds such as Keynes have brought me to this stimulating environment with a unique mixture of culture and science heritage; the Cambridge experiences enrich my preparation for the challenges ahead. Motivated by the outbreak of the Asian financial crisis, my PhD research is





**Ms Zhongqiang Yang**

China  
Harbin

**COURSE IN CAMBRIDGE:**

PhD Chemistry; Gonville and Caius College

**PREVIOUS UNIVERSITIES:**

Heilongjiang University: BE

Jilin University, China: MSc

My future goal is to become a chemistry scientist, like Marie Curie. In Cambridge, I can work at the frontiers of the subject, experiencing different cultures and communicating with outstanding people from all over the world. After I get my PhD in Cambridge, I will engage in scientific

research that benefits the development of the chemical field and improvement of all nations. I consider the whole world to be like a work of art that has been refined by many people before and will be consummated after. Compared with this eternal nature, my life is transient. But I hope I could make this world more perfect in my own way and what I do will be a necessary part for this work of art. I am thankful that Gates Cambridge Trust provides me with financial support and helps me make this dream come true!

**INTERESTS:**

Poetry, guitar, music, movie, aerobics.



**Mr Charles Yartey**

Ghana  
Kissi

**COURSE IN CAMBRIDGE:**

PhD Economics; Hughes Hall

**PREVIOUS UNIVERSITIES:**

University of Cape Coast, Cape Coast, Ghana:  
1998 BA (Economics), Diploma (Education)

University of Cambridge:  
MPhil (Development Studies) 2000

McMaster University, Hamilton, Ontario:  
MA (Economics) 2002

My research in Cambridge would explore the dynamics of financial markets and its impact on economic development. After completion of my PhD programme I intend to pursue a career in international development research. My programme in Cambridge would equip me with the knowledge, skills, and the flair to research for a fairer world.

**INTERESTS:**

Playing football, tennis and visiting places of interest.



**Ms Margaret Young**

Australia  
Melbourne

**COURSE IN CAMBRIDGE:**

PhD Law; King's College

**PREVIOUS UNIVERSITIES:**

University of Melbourne: BA/LLB 1999

University of Cambridge:  
LLM (International Law) 2003

With the fragmentation and increasing diversification of international law, and the growth of legal networks between international organisations such as the WTO, states transnational corporations, NGOs and individuals, there is an urgent need for expertise on the interaction between increasingly disparate legal regimes. My future career plans address this need and I intend to work as an academic and consultant in international trade and environmental law. As a Gates

Scholar, I will research the often acute legal conflicts between multicultural trade and transnational environmental protection, drawing in part on important theories of participatory democracy. The world-class resources of the Lauterpacht Research Centre for International Law and the diverse perspectives within the Law Faculty will be crucial for my work in this area.

**INTERESTS:**

I am committed to developing cross-cultural understanding and enhancing participation in International law (through agencies such as the UN's International Law Commission and NGOs). My favourite activities include travel (particularly in Southeast Asia), sport (rowing and basketball), hiking and gorging on international film festivals.



**Mr Jimin Yu**

PR China

**COURSE IN CAMBRIDGE:**

PhD Earth Sciences; Magdalene College

**PREVIOUS UNIVERSITIES:**

Nanjing University: BSc (Geology) 1999,  
MSc (Geochemistry) 2002

I am very interested in using trace element and isotopic geochemical methods to address geological problems on our planet with special attention focused on ocean geochemistry and paleochemistry. I am so

eager to be a marine geochemist and commit myself to serve our society by revealing ocean mysteries of both the present and the past. The Department of Earth Sciences at University of Cambridge is the best place for me to realize my dream and I am very thankful that the Gates Cambridge Trust has offered the needed financial aid for my PhD study in Cambridge.

**INTERESTS:**

Table tennis, swimming, music, travel and mountain trekking.

**Miss Rida Zaidi**Pakistan  
Lahore**COURSE IN CAMBRIDGE:**

PhD Economics; Wolfson College

**PREVIOUS UNIVERSITIES:**Lahore University of Management Sciences:  
BSc 1999

My work at Cambridge will provide me tools to undertake independent research in the area of corporate finance in developing countries. After the completion of my degree, I intend to work in the academic field and in the long-run, hope to be involved in policymaking. I hope that my work at

Cambridge will provide me tools to broaden my perspective, which shall be beneficial in pursuing my goals. As a Gates Scholar I will have the opportunity to interact with a diverse set of competent researchers. This is especially significant, in an era of globalization, where it is important to obtain a global rather than localized perspective.

**INTERESTS:**

I enjoy travelling and hopefully at Cambridge, I can visit more of Europe. Besides that I like watching independent / foreign films (though in commercial cinema, I love The Godfather), theatre and reading non-fiction on politics and current events.

**Ms Jana  
Zaumseil**Germany  
Frankfurt**COURSE IN CAMBRIDGE:**

PhD Physics; St John's College

**PREVIOUS UNIVERSITIES:**

University of Leipzig: Diplom in Physical Chemistry

My future goal is to lead an international and interdisciplinary research team and thus make contributions to physical sciences which will have an impact on advanced technology. Being a Gates

Scholar allows me to meet many people from all over the world and from different academic backgrounds, which will provide me with new perspectives on many issues within and outside of science.

**INTERESTS:**

Reading, movies, opera, yoga and hiking.

**Ms Ning Zhang**China  
Beijing**COURSE IN CAMBRIDGE:**

PhD Physics; Selwyn College

**PREVIOUS UNIVERSITIES:**

Beijing Polytechnic University: BSc

My research will focus on the use of solitons as information carries in optical system. Solitons can propagate over 6000km without the need for repeaters while the power of transmitted light would be reduced by half only over a distance of 15km in common fiber. With the great help of Cambridge Gates Trusts and ORS Award, I have the opportunity to be a world's leading scientist in Cambridge,

which is definitely the world's finest and most rigorous University. My long-term intention is to return to China and help the government create a stable perfect optical communication system. The plan, I envision, would put China (a country with great potential) on the right track to achieve a faster pace of development and to become, once again a powerful country. I will be very satisfied with my career if I know I have contributed to the development of a great communication evolution.

**INTERESTS:**

Thinking, debating, swimming, basketball, long distance running and dancing.

**Miss Y Zheng**

P R China

**COURSE IN CAMBRIDGE:**

PhD Management Studies; Lucy Cavendish College

**PREVIOUS UNIVERSITIES:**Guangdong University of Foreign Studies:  
BA (English and Computer Science) 1999London School of Economics and Political Science:  
MSc 2000

I come from Canton, China. Reading for a PhD in Cambridge will help me realize my childhood dreams: to become a teacher and to travel around the

world. I spend my holidays travelling (in China or in Europe) in an attempt to become a professional photographer. In 1996, after serving as a volunteer middle-school teacher in a poverty-stricken area in north Canton, I realized that China needs not only teachers, but also good researchers who can contribute to its development. This motivated my pursuit of doctoral research on the subject of information systems development in China.

## The following Gates Scholars have completed the courses for which they were awarded a scholarship in October of 2001 and 2002:

Ms Nushin Arbabzadah, Pembroke College, Oriental Studies; Miss Tanweer Omer Beleil, St Edmund's College, Medical Science; Miss Anne Louise Berry, Wolfson College, Economics; Mr Mohit S. Bhende, Trinity Hall, Economics; Mr Daniel Moffett Birdwhistell, St Edmund's College, Education; Mr Edward Blocher Jr, Trinity Hall, Land Economy; Miss Rachel Anne Bortnick, King's College, Biological Sciences; Ms Angela Breitenbach, King's College, History & Philosophy of Science; Mr Peter G. Brereton, St Edmund's College, Natural Sciences (Pharmacology); Mr Stijn Broecke, Corpus Christi College, Development Studies; Mr Nicholas Bronn, Churchill College, Certificate of Advanced Study in Mathematics; Mr Joseph Brown, Trinity Hall, Environment & Development; Ms Jessica Bulman, Clare Hall, American Literature; Miss Fatema Caderbhoy, Jesus College, Law; Mr J R Califf, St Edmund's College, Biological Anthropology; Miss Malavika Chandra, St Edmund's College, Natural Sciences; Miss Amanda M Codd, Trinity College, Biology; Ms Julie Harkness Cooke, Magdalene College, Law; Mr Debajyoti Datta, Sidney Sussex, Biological Science; Mr Joshua Davidson, Darwin College, Diploma in Computer Science; Mr Eli Diamond, Darwin College, History and Philosophy of Science and Medicine; Miss Kateri DuBay, Peterhouse, Chemistry; Mr Yaacob Dweck, St John's College, Historical Studies; Miss L S Fernando, Churchill College, Veterinary Science; Mr Ramon Galinanes JR, Downing College, Education; Mr Michael A Geline, Churchill College, Mathematics; Miss Aubrey Lynn Gilbert, Wolfson College, History and Philosophy of Science; Ms Dehn Gilmore, Trinity College, European Literature; Ms Rachel Faye Giraud, Peterhouse, Archaeology; Mrs Anna Gola, Darwin College, Economics; Mr Chad Golder, Magdalene College, International Relations; Mr William Greenleaf, Trinity College, Diploma in Computing Science; Ms Joanna Guldi, Trinity College, Geography; Ms S L Hollister, Robinson College, History of Art; Mr Yung-Gi Hong, Wolfson College, Economics; Miss Jennifer Ifft, Trinity Hall, Land Economy; Miss Amy Jones, Christ's College, Environmental Engineering for Sustainable Development; Ms Jennifer Jennings Hughes Hall, Education; Ms Faye Karababa, Jesus College, Earthquake Preparedness and Sustainable Development; Mr Scott Katalenich, Pembroke College, Engineering; Ms Valerie Keller, Clare Hall, European Literature; Mr Per Oskar Klevnas, Girton College,

Economics and Social History; Ms Hilary Levey, Lucy Cavendish College, Mod Soc. & Global Transformations; Ms Bonny Ling, Trinity Hall, Criminology; Mr M G Masters, Hughes Hall, International Relations; Miss Ornsaran Manuamorn, Hughes Hall, International Relations; Mr Roman Martinez, Trinity College, International Relations; Mr Henrique Martins, St Edmund's College, Management Studies; Mr Kevin Matulef, Churchill College, Certificate of Advanced Study in Mathematics; Ms Shefali V Mehta, Selwyn College, Economics and Development; Mr Josh Morhart, Peterhouse, Classics; Mr Isaac S Nakhimovsky, King's College, Political Thought; Mr Dhiraj Nayyar, Trinity College, Development Studies; Mr Mutevu Ngove, Downing College, Computer Science; Mr P J O'Reilly, Corpus Christi College, Law; Ms Jennifer Piscopo, Darwin College, Latin American Studies; Mr David Quinn, Pembroke College, Engineering; Ms Shaparak Rahimi, Corpus Christi College, History and Philosophy of Architecture; Miss Deepa Rajan, Lucy Cavendish College, Mathematics; Corpus Christi College, History and Philosophy of Architecture; Mr Swajit Rath, Girton College, Economics; Mr Jay Reddy, Wolfson College, Oncology; Mr David C Rybicki, Trinity Hall, European Literature; Ms Kristin Rule, Churchill College, Materials Modeling; Mr Ronald Scalise, Trinity College, LLM; Miss Birke-Siri Scherf, Gonville and Caius College, History of Art; Mr Alan Schoenfeld, Clare Hall, Education; Mr Jonathan Schoenfeld, Churchill College, Biological Science; Mr Lane Oscar Bingaman Schwartz, Churchill College, Computer Speech and Text and Information Technology; Mr Jay Silver, Churchill College, Computer Speech, Text & IT; Mr Khe Chai Sim, Churchill College, Computer Speech and Text and Information Technology; Mr N I Slywka, Pembroke College, English Studies; Mr Bartlomiej Michael Julius Szewczyk, Trinity Hall, International Relations; Mr B Thomas, Christ's College, Criminological Research; Miss Olga Tribulato, Pembroke College, Classics; Mr Peterjan Van Nieuwenhuizen, Pembroke College, Mathematics; Mr Matthew D Varilek, Queens' College, Environment and Development; Miss Marissa Wagner, Hughes Hall, Biological Science; Mr Darragh Walsh, St John's College, Mathematics; Mr Patrice Wan Hok Chee, Trinity College, Finance; Mr Joel S Willis, Darwin College, Criminology; Mr David Zipper, Queens' College, Planning, Growth & Regeneration; Mr Benjamin Isaac Zwiebel, Churchill College, Mathematics.

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