

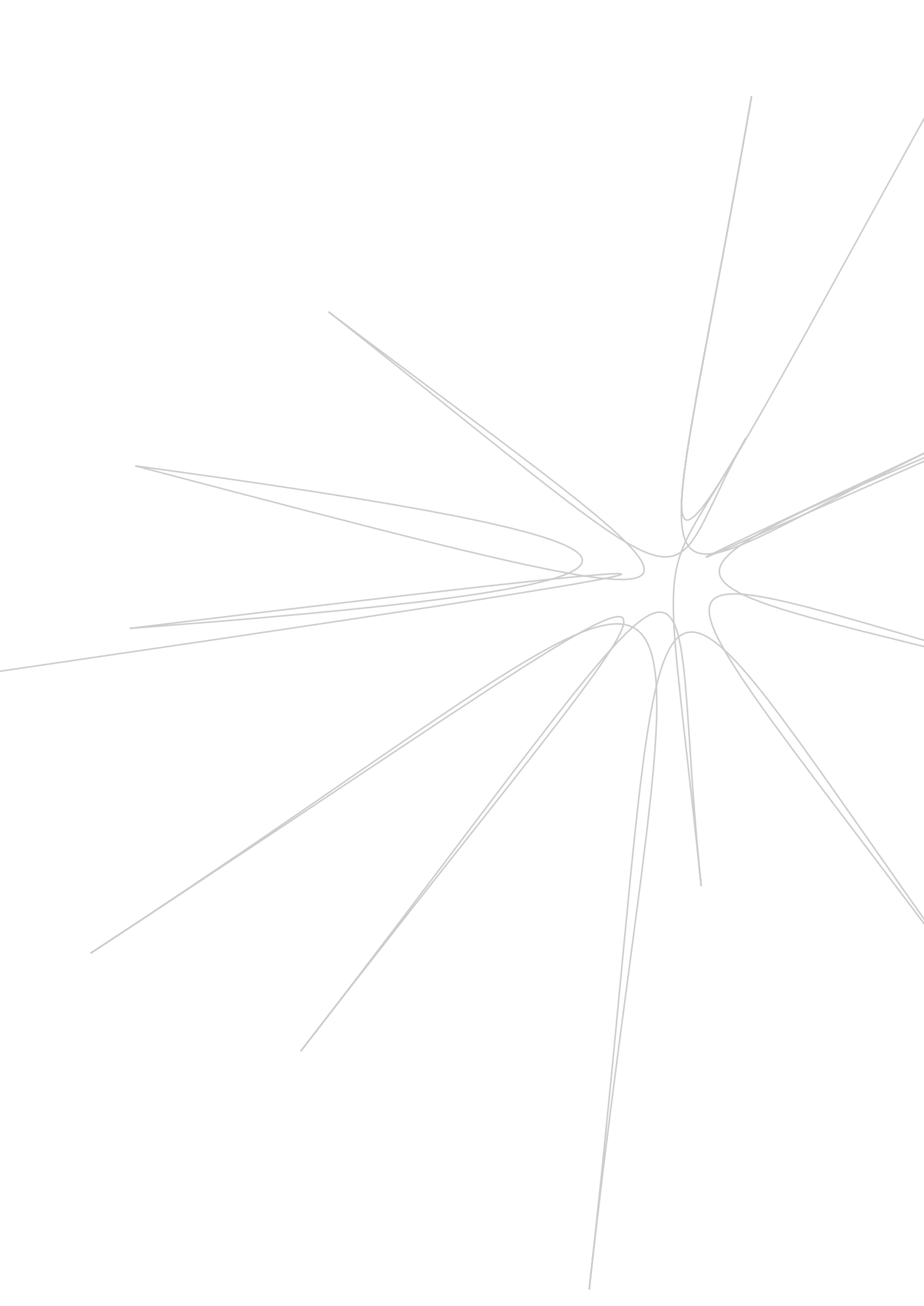
Gates Cambridge Trust

Gates Cambridge Scholars 2004



UNIVERSITY OF
CAMBRIDGE

Gates Cambridge Trust
Gates Cambridge Scholars 2004



Preface

BILL & MELINDA GATES *foundation*

What a delight it is to see the Gates Cambridge Scholars program continue to grow and succeed as it enters its fourth year. There have now been nearly 450 Gates Scholars from over sixty countries; highly talented young men and women from all over the world stretching their minds and abilities while enrolled at the University of Cambridge.

But the rewards of this program are beginning to manifest in more than students getting excellent graduate education. There are now over 200 Gates Scholars who have completed their studies at Cambridge and are putting their knowledge and experience to work in a variety of settings – from inner-city classrooms to global NGO's. They are bringing new vision in seeking solutions to the world's pressing issues, and are applying their education to the benefit of society at large.

As a result, each new class of Gates Cambridge Scholars has bigger shoes to fill. But it is clear from reading the profiles in this yearbook that they are all smart, imaginative people who are already aware of the many needs to be served in this world. That awareness coupled with a Cambridge education will prepare them to be the authors of significant change – by having the intelligence to see the injustice and inequity in the world, having the courage to commit to addressing that disparity, and having the ability to find solutions.

I welcome the new class of Gates Cambridge Scholars, and wish you an enriching time during your studies at the University of Cambridge.

William H. Gates Sr.

Trustee, Gates Cambridge Trust

Co-Chairman of the Bill & Melinda Gates Foundation

Gates Cambridge Scholars 2004

Scholars are listed alphabetically by name. The list includes current Scholars, although a few will start their course in January or April 2005. Three Scholars who won their award in the competition for 2004 have been given permission by the University and the Trust to delay taking up their place in Cambridge until after 30 September 2005: they are not included in this edition of the Scholars Year Book.

Several students listed here may be spending all or part of the academic year 2004-05 working away from Cambridge whilst undertaking field-work or other study as an integral part of their doctoral research. The list also retains some Scholars who will complete their PhD thesis and will be leaving Cambridge before the end of the academic year.

Some Scholars shown as working for a PhD degree will be required to complete successfully in 2005 a post-graduate certificate or Master's degree, or similar qualification, before being allowed by the University to proceed with doctoral studies.

Gates Cambridge Trust: Trustees



Mr William H Gates Sr
Co-Chair of the Bill & Melinda
Gates Foundation



Professor Lord Broers
Vice-Chancellor Emeritus of the
University, President of the Royal
Academy of Engineering



Dr William Gerberding
Former President of the University
of Washington



Mrs Anne Lonsdale
President of New Hall, Cambridge



Baron May of Oxford
President of the Royal Society and
Fellow of Merton College, Oxford



**Baroness O'Neill
of Bengarve**
Principal of Newnham College,
Cambridge



**Viscount Runciman
of Doxford**
President of the British Academy
and Fellow of Trinity College,
Cambridge



Professor Alison Richard
Vice Chancellor of the University
of Cambridge and Chairman of
the Gates Cambridge Trust

Gates Cambridge Trust: Officers



Dr Stephen Fleet
Formerly Master of Downing
College, Cambridge (Treasurer)



Dr Gordon Johnson
President of Wolfson College and
Deputy Vice-Chancellor, Cambridge
(Provost)



Dr Anil Seal
Fellow of Trinity College, Cambridge
(Director)



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





Gates Cambridge Trust:
The Scholars 2004



**Mr Ryan
Prescott Adams**

USA
Bayton, Texas

COURSE IN CAMBRIDGE:

PhD Physics; St John's College

PREVIOUS UNIVERSITIES:

Massachusetts Institute of Technology:
BSc Electrical Engineering and Computer Science
(2003)

Although I am performing my PhD work in the Physics Department at the Cavendish Laboratory, my primary research is in Statistical Machine Learning, a sub-field of Artificial Intelligence. I study the mathematical properties of collections of independent adaptive entities, using

Bayesian statistical techniques. I believe that this approach to AI has far-reaching implications both for understanding the brain and for the long-term development of machine intelligence.

INTERESTS:

I like to play and coach water polo, race cars and karts. I also enjoy creative writing, and playing poker and Go. I would love to learn to play rugby while in Cambridge.



**Mr Adewale
Niyi Adebawo**

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 communication 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, Poetry and Movies



**Miss Sinéad
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 Ahmad

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.



Miss Sarah Alexander

Ireland
Dublin

COURSE IN CAMBRIDGE:

MPhil in Classics; St John's College

PREVIOUS UNIVERSITIES:

Trinity College, Dublin:
BA Classics (2002)

I am delighted to be able to start working towards a PhD in Classics at Cambridge. My particular areas of research will be Theocritus, a poet of the Hellenistic period, and Greek philosophy with initial focus on Plato and Aristotle. In the future

I hope to apply the knowledge and skills developed in studying the ancient world in our modern one.

INTERESTS:

For the last two years I have been living in Berlin, working in financial research. This experience has increased my interest in history, particularly that of modern Europe, and in travel. I also enjoy most kinds of literature, music, cinema and theatre.



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.



Ms Laura Elizabeth Allan

Germany

COURSE IN CAMBRIDGE:

PhD Psychopharmacology; Queens' College

PREVIOUS UNIVERSITIES:

University of Newcastle:
BSc Pharmacology (2004)

While at Cambridge, I intend to investigate gene environment interactions in the aetiology and pathophysiology of psychiatric disorders and drug addiction. I would like to make a positive contribution towards elucidating questions which until

now have remained unanswered. A clearer understanding will have a tremendous impact on both the therapeutic management and the quality of life of patients, of those individuals associated with them and society at large.

INTERESTS:

I enjoy music and dance of all kinds and both indoor and outdoor sporting activities.



Ms Ioanna Antypas

Greece
Athens

COURSE IN CAMBRIDGE:

PhD Materials Science & Metallurgy; Queens' College

PREVIOUS UNIVERSITIES:

University of Cambridge:
BA Materials Science and Metallurgy (2003),
MSci Materials Science and Metallurgy (2004)

Yanna holds a B.A. and M.Sci. from the University of Cambridge. She graduated from Newnham College in June 2004 and is now a first year PhD student at Queens' College, working in the Electron Microscopy Group of the Department of Materials Science and Metallurgy. Her research will seek to develop novel theoretical approaches for magnetic induction mapping in the transmission electron microscope. This potentially ground-breaking work will allow the reconstruction and visualisation, to nanoscale resolution, of both internal and

external magnetic fields in a wide range of technologically important materials samples. Yanna was born in Boston, Massachusetts but, because of family travel, lived and studied in many countries, attending school in Washington DC, Peshawar, Paris and Copenhagen before entering Cambridge as an undergraduate in October 2000. She has always spent her summers in Greece and, this past summer, had the opportunity to experience from close by the Athens Olympic Games and the offerings of the Cultural Olympiad that ran parallel to the Games. Her international upbringing shaped her social conscience and gave her an appreciation for other cultures in all their diversity. Yanna hopes to follow a career in academic research.

INTERESTS:

Human rights, music, horses and...transmission electron microscopy



**Ms Abena
Asante-Poku**

Ghana
Accra

COURSE IN CAMBRIDGE:

MPhil Bioscience Enterprise; Magdalene College

PREVIOUS UNIVERSITIES:

International University, Germany:
BSc Biochemistry (2004)

.....
Hmmm, well I hope I have lots of fun,
meet new people and live life to the full!!

INTERESTS:

Reading, cooking, swimming, hanging out with friends, watching movies



**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.



**Dr Liliya T.
Bakiyeva**

Kazakhstan

COURSE IN CAMBRIDGE:

PhD Orthopaedic Surgery; New Hall

PREVIOUS UNIVERSITIES:

South Kazakhstan State Medical Academy:
Diploma in Medicine (1999)

.....
I enjoy doing research and learning
something new every day. That, and being
surrounded by the brightest people from
all over the world – great for someone
who wants to grow professionally. After I
graduate, I will likely continue my surgical
training in the West. I do miss clinical
work. Having a research degree from

Cambridge University will open doors for
me, including the possibility of future
career in clinical academia – ideal for
someone who wants to combine clinical
work and research. I also will be in the
better position to help develop my home
country; in fact, I am already active in
World Orthopaedic Concern and NGO
Oomit: two medical charities, in the UK
and Kazakhstan, respectively

INTERESTS:

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



**Mr Moritz
Becker**
Germany

COURSE IN CAMBRIDGE:
PhD Computer Science; Trinity College

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

I am doing a PhD in theoretical computer science because I am planning to become a researcher in this field.

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, poststructuralist. 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)

As an osteo-archaeologist I have often been told that my interests in human skeletons borders on the bizarre, but this is simply one aspect of the study of the

human condition, of which my research into burial practice and treatment of human remains is a part of. Besides this seemingly morbid topic I have an avid interest in art, as an amateur artist, old cars, and travelling, of which my field gives me ample opportunities to pursue. I hope to one day teach at the University level and travel the world.



**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)

Computer-aided drug discovery is – potentially – able to shorten the development phase of new drugs and at the same time it reduces the number of

animals used for experiments. Being on the borderline between computer algorithms and chemistry it is both exciting and “sensible” work to do and I am looking forward to having an enjoyable and fruitful time in the field.



Mr Sean Bennett

USA

COURSE IN CAMBRIDGE:

PhD in Cognitive Musicology; Wolfson College

PREVIOUS UNIVERSITIES:

DePaul University:
Piano Performance (1998)

Harvard University:
AB (Psychology and Biology),
Certificate (Cognitive Neuroscience) (2001)

I believe that interdisciplinary intersections hold promise for intellectual advancement in today's fragmentary academia. Not limited to this academic interest, as Chair of the Gates Scholar Council I have also

explored published tenets about cross-cultural organizational behavior and politics, in the hope that creative solutions might emerge which reduce the usual bureaucratic boundaries which preclude productive international progress.

INTERESTS:

Piano, business, treasure hunting, exercise, tennis, entrepreneurship



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 El'Vis 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 Jovonne
Juanita
Bickerstaff**

USA
Akron, Ohio

COURSE IN CAMBRIDGE:

PhDMP Social and Developmental Psychology

PREVIOUS UNIVERSITIES

Massachusetts Institute of Technology:
B.Sc Urban Studies and Planning (2002),
B.Sc Writing and Humanistic Studies (2002)

Ecole des Hautes Etudes:
Dipl. d'Etudes Approfondies (2003)

I'm native of Akron, Ohio and an alumna of MIT (BS – Urban Studies & Planning, BS – Writing & Humanistic Studies, 2002). At Cambridge I will be following

up on research I began last year in Paris, France as a US Fulbright Grantee researching issues of identity and their impact on the actions & ambitions of 2nd & 3rd generation youth of African origins born in France. At my core, I'm a writer and I hope to produce & publish some writing while here as well.

INTERESTS:

Creative writing; hip-hop culture; modern and djembe dancing; intersection of race, class and success; higher education; and interpersonal relationships of all forms

Ms Penelope Bond
New Zealand

COURSE IN CAMBRIDGE:

PhD Refugee Studies, Land Economy;
Fitzwilliam College

My PhD research proposal has grown out of experience in community development and advocacy for refugees. I am interested in the nature of the refugee resettlement experience in Australia, New Zealand and the UK, and my research seeks to explore the factors that facilitate or complicate this process. I am particularly interested in investigating the relative roles of the state, the media and NGOs in facilitating resettlement and minimising xenophobia in

communities which accept refugees and determining whether links can be drawn between different refugee policies and the levels of belonging experienced by those granted refuge in these countries.

INTERESTS:

growing sunflowers, single malt whisky, arguing, Christmas baking, bonfires on the beach or in the backgarden, fried breakfasts on sundays, accessory shopping, smoking cigars in seedy jazz bars, all poetry, but especially Auden...

Arriving April 2005



**Mr Julien
Bourdeau**

France
Paris

COURSE IN CAMBRIDGE:

MPhil in Technology Policy; Queens' College

PREVIOUS UNIVERSITIES:

Lycée Louis-le-Grand:
Concours General History (1998),
Baccalaureat Sciences (1999)

Ecole Polytechnique:
Diploma Engineering (2004)

The effective transfer of Scientific innovations from research to industry is critical for enhancing human expertise and long-term economic growth. With this MPhil I intend to refine my understanding

of the strategic control of technology for enhanced business performance and the public interest. Cambridge is such a wonderful place and an amazing platform for an exchange of ideas. I hope my fellow scholars and I will have a great time experiencing its life and getting to know each other.

INTERESTS:

Languages, travelling in southern & tropical countries, diving, art films.



**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 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:

Sports, theatre, cinema, chatting, playing cards



Mr Luis Briseno-Roa

Mexico

COURSE IN CAMBRIDGE:

PhD in Protein Engineering and Evolution

PREVIOUS UNIVERSITIES:

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

.....

My main academic interests are centered on experimental evolution in biology. The goal of my PhD research is to construct enzymes capable of degrading pesticides and warfare agents into less toxic constituents. For such purpose, I use directed evolution methods. Hopefully, this work will contribute to the understanding

of the role of substrate promiscuity in the evolution of proteins and will generate efficient biological active catalysts for the hydrolysis of organophosphate compounds.

INTERESTS:

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



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)

.....

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



**Mr Matei
Candea**
Romania
(French citizen)

COURSE IN CAMBRIDGE:
PhD Social Anthropology; Emmanuel College

PREVIOUS UNIVERSITIES:
University of Cambridge:
BA (Social Anthropology) (2001)

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



**Miss Daniela
Canestrari**
Italy
Pavia

COURSE IN CAMBRIDGE:
PhD Zoology; Emmanuel College

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

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

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



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)

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

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.

Miss Amanda Casto
USA
Anderson,
South Carolina

COURSE IN CAMBRIDGE:
PhD Genetics; Darwin College

PREVIOUS UNIVERSITIES:
University of Georgia:
BSc Genetics/Mathematics (2004)



Mr Khai Leok Chan

Singapore

COURSE IN CAMBRIDGE:

PhD Chemistry; Peterhouse

PREVIOUS UNIVERSITIES:

University of Cambridge:
MSci (Chemistry) (2002)

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 Nandini 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:

Studying paintings, listening to and learning music, reading, story-telling, social work especially with women and children.



Mr Rongjun Chen

China
Taizhou City

COURSE IN CAMBRIDGE:

PhD Chemical Engineering; Clare Hall

PREVIOUS UNIVERSITIES:

Beijing Technology and Business University:
BEng (1999)

Tsinghua 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 J 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)



**Miss Sook May
Ivy Chia**
Singapore

COURSE IN CAMBRIDGE:
PhD Education; Homerton College

PREVIOUS UNIVERSITIES:
Institute of Education, University of London:
MA Educational Management and Administration
(2003)

University of Auckland:
BMus (1998)

INTERESTS:

Travelling, Reading, Singing (Choir), Playing the piano, listening to Jazz Music.

I am very privileged to be part of the Gates Cambridge Community. Being an educationist, I look forward to the exciting adventure ahead, to advance the cause of education and contribute to the society, in the spirit of a Gates Cambridge scholar.



**Mr Semil P
Choksi**
USA
Georgia

COURSE IN CAMBRIDGE:
PhD Genetics; Churchill College

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

INTERESTS:

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

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



**Mr Mun-kit
Choy**
Malaysia

COURSE IN CAMBRIDGE:
PhD Plant Sciences; Clare Hall

PREVIOUS UNIVERSITIES:
University of Malaya:
BSc, MMedSc

INTERESTS:

Besides science, I am also interested in literature, history, philosophy, and culture. From these interests, I can think a lot and appreciate everything better.

I have chosen Genetics and Molecular 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 am looking at the role of chloroplast protein synthesis in regulating the expression of nuclear genes encoding photosynthesis proteins.



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.



Ms Claire Clement

USA
Seattle

COURSE IN CAMBRIDGE:

MPhil & PhD Medieval History; St John's College

PREVIOUS UNIVERSITIES:

University of California, Riverside:
BA History (2003)

University of California, Santa Cruz:
BA Sociology (1999)

My main intellectual interests are economic and social development – in both modern and historical contexts. I have degrees in Sociology and History, and have spent a year studying development in India. My research at Cambridge will look

at convents and trade in late medieval England. I intend to continue research in medieval economic history, while studying comparative economic history to look for rules of economic development.

INTERESTS:

walking, rain, learning, talking/debating about anything, reading, physical sciences, theory of almost any kind, spirit, pub visits with friends, art (drawing, medieval illumination, photography, digital reconstruction of a lost medieval mural)



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. 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, bushwalking, 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 Law; Trinity College

PREVIOUS UNIVERSITIES:

Uppsala University:
Diploma (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:
BSc (Geology) (2000)

Université de Liège:
MSc (Applied Palaeontology) (2001)

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
Ghent

COURSE IN CAMBRIDGE:

PhD International Law; Gonville & 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)

I'm studying for a PhD in the Systems Research Group of the Computer Laboratory, working on naming systems and the DNS. My supervisor is Jon Crowcroft.

INTERESTS:

Travel, mediaeval history and classics, playing the classical guitar.



Mr Brian Dillon
USA
East Lansing, MI

COURSE IN CAMBRIDGE:

MPhil Economics

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.



Ms Caroline Dingle
USA
Palo Alto, California

COURSE IN CAMBRIDGE:

Zoology; St John's College

PREVIOUS UNIVERSITIES:

San Francisco State University:
MA Ecology and Systematics (2003)

University of California, Santa Cruz:
BA Biology (1996)

My PhD research at Cambridge will integrate genetic, morphological and behavioral studies to address questions related to speciation and conservation in the neotropics. One of my career goals is to

contribute to the improvement of communication between scientists and those involved in designing and implementing conservation policies. I plan to continue work that I have started with scientists and conservationists in Ecuador to improve scientific training in developing countries.

INTERESTS:

Backpacking, swimming (especially open water), evolution, birds, mountains, natural history, hiking, biking, reading.



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:

PhD 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.



**Miss Caroline
Maria Sofie
Ekblad**

Sweden

COURSE IN CAMBRIDGE:

PhD Biophysics/Protein Chemistry; 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.



**Mr Mohammed
El-Shafie**

Sudan

COURSE IN CAMBRIDGE:

PhD in Geotechnical Engineering; Hughes Hall

PREVIOUS UNIVERSITIES:

University of Khartoum:
BSc(Hons) Civil Engineering (2002)

My principal goal will be to contribute in the area of the prediction of construction related damage to nearby already-existing structures. I will be working to make the introduction of new infrastructure in highly congested rural areas a safe and well predicted job instead of a risky and

costly task. Working in one of the best research groups in the world and living in a society which provides an endless source of inspiration, provides a very high potential for a valuable contribution.

INTERESTS:

Reading, Football & Communication with different people of different interests and backgrounds.



**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.



**Ms Katherine
Epstein**

USA
Washington, DC

COURSE IN CAMBRIDGE:

MPhil International Relations; Pembroke College

PREVIOUS UNIVERSITIES:

Yale University:
BA History (2004)

I'm from Washington, DC, and just graduated from Yale with a B.A. in history. I'm grateful for the opportunity to study at Cambridge and excited for the coming year. I hope to learn about international relations and to pick up the English language while I'm here.

INTERESTS:

History, (American) football, and, once upon a time, Latin



Mr Pierre Far
Jordan

COURSE IN CAMBRIDGE:

PhD Microbial Genetics (Dept of 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:

Programming, sports, non-fiction literature.



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 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).



Ms Katharine Elizabeth Folz
USA
West Paris, Maine

COURSE IN CAMBRIDGE:

MPhil Chemistry; St John's College

PREVIOUS UNIVERSITIES:

United States Naval Academy:
BSc Chemistry (2004)

INTERESTS:

Since coming to Cambridge, I have enjoyed playing with the Cambridge University Symphony Orchestra, rowing for Magdalene College, learning Spanish, teaching children about slime during University Science Week, and traveling.



Ms Julia Forman
USA

COURSE IN CAMBRIDGE:

PhD in Chemistry; Magdalene College

PREVIOUS UNIVERSITIES:

Harvard University:
AB (Chemistry) (2002)

My research focuses on the mechanical and biophysical properties of disease-related proteins. My work thus far has focused on immunoglobulin-like beta sandwich proteins, particularly the pkd domains from the protein polycystin-1, which is implicated in polycystic kidney disease.



**Mr Paul
Franklyn**

South Africa
Randburg

COURSE IN CAMBRIDGE:

PhD in Chemistry; Darwin College

PREVIOUS UNIVERSITIES:

University of the Witwatersrand:

MSc Chem

BSc Hons Chem

BSc Chem, Phys



**Miss Kate
Franko**

USA
Buffalo

COURSE IN CAMBRIDGE:

PhD Physiology; Wolfson College

PREVIOUS UNIVERSITIES:

Cornell University:

BS (Neurobiology and Behavior) (2001)

INTERESTS:

Travel, drawing, gliding, rowing.

My work focuses on maternal and child health, and exploring the Fetal Origins of Adult Disease hypothesis. I hope to broaden this to a career that includes reproductive health policy and rights.



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)

INTERESTS:

Rowing, ballroom dancing, languages, travel

My research focuses on cognitive mechanisms in language processing in general and inhibitory processes in attention and language in particular. After finishing my studies at Cambridge, I hope to pursue a career in academia.



**Miss Karuna
Ganesh**

India
Mumbai

COURSE IN CAMBRIDGE:

MBBChir/PhD Clinical Medicine; Fitzwilliam College

PREVIOUS UNIVERSITIES:

Cambridge University:

BA(Hons.) Biochemistry

INTERESTS:

Molecular evolution, political philosophy and international affairs, literature, languages, Bharatanatyam, community service, travel, badminton, wine, chocolate.

The Gates Cambridge Scholarship will allow me to study clinical medicine and pursue doctoral research at Cambridge, thereby preparing me for a career as a medical scientist. In the long term, I hope to study virulence mechanisms of microbial pathogens, and develop affordable means of combating them. In this way, and by participating in international health policy planning, I hope to make a real difference to people's health in the poorest parts of the world.

**Ms Hua Gao**

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)

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 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.

**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.

**Miss Michelle 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.

**Ms Jennifer Gibson**

USA
Michigan

COURSE IN CAMBRIDGE:

PhD International Relations; Sidney Sussex College

PREVIOUS UNIVERSITIES:

Alma College:
BA (Foreign Service) 2001

Building upon previous work experience in Southern Africa, my PhD will focus on the Southern African Development Community's (SADC) attempts to combat the HIV/AIDS epidemic on a regional level. After assessing political efforts to cooperate on one of the most important issues facing the region, I hope to apply what I've learned working with one of the

many NGOs in the area. Long term, I hope to eventually work in a policy-making capacity in the U.S. government on issues pertinent to Africa.

INTERESTS:

Rowing, Hiking, Traveling, Photography, Politics, Reading, Baking



Mr Seth Daniel Goldstein

USA
Raleigh,
North Carolina

COURSE IN CAMBRIDGE:
Medicinal Chemistry; Emmanuel College

PREVIOUS UNIVERSITIES:
North Carolina State University:
BSc BioMedical Engineering (2004)

My undergraduate degree from NC State is a B.S. in Biomedical Engineering. In Cambridge, I will be doing research in the Herchel Smith Laboratory for Medicinal Chemistry; my plan is to use Magnetic Resonance Imaging to study the effects of arthritis on articular cartilage. Upon my return to the USA, I will attend Johns

Hopkins University Medical School with the eventual goal of becoming a physician.

INTERESTS:
Jazz saxophone, soccer, tennis, triathlon, travel



Miss Marcela Gomez-Perez

Colombia
Bogota

COURSE IN CAMBRIDGE:
PhD Earth Sciences, Newnham College

PREVIOUS UNIVERSITIES:
Universidad Nacional de Colombia:
BSc Geology (2001)

I am interested in understand the history of life on Earth, not only by studying events today, but understanding those that occurred in the past and to some extent shaped the world we know inhabit. Cambridge has a strong research group in Palaeobiology doing an innovative research in this area. My goal after my PhD is to study part of the great palaeontological richness of Colombia as

part of the leading scientific community of my country

INTERESTS:
Classical music, playing the viola, swimming, Natural History Museums, traveling.

Mr Paul Goulart

USA
Massachusetts

COURSE IN CAMBRIDGE:
PhD Engineering; Churchill College

PREVIOUS UNIVERSITIES:
Massachusetts Institute of Technology:
BSc (Aeronautics and Astronautics) (1998),
MSc (Aeronautics and Astronautics) (2001)



Ms Sally Gras
Australia
Melbourne

COURSE IN CAMBRIDGE:
PhD BioPhysics; 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 Green
USA
Massachusetts

COURSE IN CAMBRIDGE:
PhD Criminology; St John's College

PREVIOUS UNIVERSITIES:
Worcester State College:
BSc (Urban Studies) (1997)

University 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.



Mr Simon Grote
USA
Groton-on-Hudson, NY

COURSE IN CAMBRIDGE:
PhD Political Thought and Intellectual History

PREVIOUS UNIVERSITIES:
University of California, Berkeley:
MA Ancient History (2003)

Harvard:
AB History (2001)

I'm pursuing a PhD degree in history, with an emphasis on European intellectual history of the seventeenth and eighteenth centuries. My research at Cambridge focuses on contemporary developments in

moral philosophy, theology, and the reading of classical authors in mid-eighteenth-century Scotland, England, France and Germany, and involves an intensive study of the Scottish philosopher William Cleghorn.

INTERESTS:
History of philosophy, science, art and music; classical and jazz piano; classical languages and literature; poetry; architecture; performing and visual arts.



Ms Vanessa Elisa 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) (2001)

University 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 Douglas Guilfoyle
Australia

COURSE IN CAMBRIDGE:
PhD International Law; Trinity Hall

PREVIOUS UNIVERSITIES:
University of Cambridge:
LLM (2004)

Australian National University:
LLB (2000);
BA History (1997)

Doug worked as a commercial lawyer in Sydney and as an associate (or clerk) to two Australian federal judges (one in Sydney, one in Melbourne) before coming to Cambridge. He finds writing about himself in the third person disconcerting.

INTERESTS:
Drama, debating, travel, reading and writing.



**Mr Iman
Gurung**

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 Max
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:

Basketball (team captain, King's College, London), theatre, cinema and literature.



**Dr Sabine
Hannema**

Netherlands
Gröningen

COURSE IN CAMBRIDGE:

PhD Paediatrics; Gonville & Caius College

PREVIOUS UNIVERSITIES:

University of Gröningen:
MD (2001)

With the call for evidence based medicine, I think it is getting more important for medical doctors to have a good 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, rowing, speed-skating, piano, literature, 'wadlopen' (walking over to the Dutch islands at low tide).



**Mr Francisco
Gabriel
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)

The research that I have been carried out during already two years in the University of Cambridge involves the study of the implementation of the wet soil mixing

method for improving the mechanical properties of organic soils. This research together with my previous experience in seismic response of soft soils will give me a great opportunity to combine them in order to focus my future career in the seismic analysis of foundations.

INTERESTS:

Soccer and Classical Music



Ms Anne 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:

running, soccer/football (watching rather than doing), eating digestive biscuits, six degrees of separation.



Mr Bill 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)

My work is in computational linguistics. I am trying to develop better computational models of speech and language to produce more natural sounding synthesized speech.

I have worked on new models of intonation and rhythm. Now I am concentrating on natural language processing and information extraction to try to produce a better representation of meaning within a text document. This would allow a speech synthesizer to have better accuracy in assigning intonation and rhythm.

INTERESTS:

computational linguistics, speech synthesis, information extraction, prosody, intonation, rhythm, phonetics, statistical natural language processing



Mr Xiaobing Hu

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 Gregory Hughes

USA
Warwick,
Rhode Island

COURSE IN CAMBRIDGE:

PhD Computer Science; St Edmund's College

PREVIOUS UNIVERSITIES:

University of Rhode Island:
BSc Computer Science (2004)

I am interested in adapting computers for users who are blind and partially sighted. Cambridge is not only a great place to study computer science, but there have also been various research projects on adaptive technology, and thus it is an amazing environment for me to conduct my research.

"Be who you are and say what you want, because those who mind don't matter and those who matter don't mind."
Theodor Seuss Geisel (Dr. Seuss)

INTERESTS:

Aside from my studies I am interested in downhill skiing, water skiing, mountain biking, swimming, kayaking, and canoeing.



Mr Matt 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.



Ms Zeynep Inanoglu

Turkey

COURSE IN CAMBRIDGE:

PhD in Information Engineering;
St Edmund's College

PREVIOUS UNIVERSITIES:

MIT Media Lab

University of Cambridge:
MPhil in CSTIT

Harvard:
BA in Electrical Engineering

My immediate academic interests lie in the area of speech processing, specifically the recognition of emotions in human

speech and the integration of emotional attitudes into state of the art speech synthesisers. On a higher level, I am interested in ways of defining emotional intelligence, its role in human cognitive capabilities and its integration into machines that may attempt to substitute humans in various fields.

INTERESTS:

Running, dancing (salsa and ballroom), photography, yoga.



Miss Iliana 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 P. 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 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.

INTERESTS:

I enjoy international travel, classical music, and reading both political history and modernist fiction. I also play football at Wolfson College, have a long and involved history with the game of volleyball and enjoy a wide range of ocean sports including scuba diving, sailing and body surfing.



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.



Dr Anand Devaprasath Jeyasekharan

India
Tamil Nadu

COURSE IN CAMBRIDGE:

PhD Oncology; Gonville & Caius College

PREVIOUS UNIVERSITIES:

Tamil Nadu University

Christian Medical College, Vellore:
MBBS (2003)

I would like to become a physician-scientist, a cadre essential in any country to the advancement of Medicine as a science; particularly in India with the need to develop viable approaches to her specific health problems (as well as to make the most of the opportunities offered by these

problems to explore basic cellular mechanisms). A PhD at the MRC Cambridge should complement my medical training and enable me to work on bridging the gap between basic research and clinical practice.

INTERESTS:

Music (Rock n Roll, Alternative, Indian String Classical and Trivia), Sci-Fi + Fantasy, Bridge, Volleyball, Skating, Epidemiology, Formula 1, Cocktails, Zen, Computers, Astronomy – a haphazard list that could go on (The result of a combination of novelty seeking traits and a limited attention span!)

Arriving April 2005



Ms Yinglin Ji

China

COURSE IN CAMBRIDGE:

PhD English and Applied Linguistics; Trinity Hall

PREVIOUS UNIVERSITIES:

University of Peking:
MA English (2003)

Ocean University of China:
BA English (1996)

My career goal is to become a linguist who can view language teaching from the perspective of a practitioner and meanwhile, a practitioner who would like to see language teaching through a research

lens. I believe that my potential as an English teacher and researcher will be further exploited in the highly stimulating and exciting atmosphere of Cambridge. I'm also very grateful to the Gates Cambridge Trust for their generous financial support of my PhD study in Cambridge.

INTERESTS:

Reading, Chinese ancient poetry, music, jogging, travelling.

**Mr Teng Jiang**China
Jiongsu**COURSE IN CAMBRIDGE:**

MPhil in Management Studies; Wolfson College

PREVIOUS UNIVERSITIES:Imperial College, London:
MSc Finance (2004)Fudan University, Shanghai:
BA Economics (2003)

With a BA in Economics and a MSc in Finance, I'm now moving to the exciting

field of Management Studies, which, I believe, will be a more realistic and interesting exploration. My ambition is to go on with a PhD in Business Economics and do something new and beneficial to our society.

INTERESTS:

Painting, badminton, music, fantasy novels, PC games, etc.

**Mr David Johnson**USA
Raleigh,
North Carolina**COURSE IN CAMBRIDGE:**

Part III of Mathematical Tripos; Selwyn College

PREVIOUS UNIVERSITIES:NC State University:
BSc Mathematics (2003)

My interests in math and physics span many areas, from number theory to differential geometry to numerical analysis. With my research I hope to build new bridges between these seemingly disparate fields, discovering the unexpected connections which make mathematics so

beautiful. While at Cambridge I also plan to study the differences in education between British and American universities in order to advocate innovation and improvements in science education.

INTERESTS:

Sports: Racquetball, soccer, basketball, volleyball, disc golf. Music: Heavy/black/death metal, gothic-industrial, EBM, darkwave, futurepop. Other INTERESTS: programming, website development, art and design, sci-fi and fantasy, DDR, comedy, political science, sociology, philosophy.

**Miss M 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 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. Tertiarily, 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 Scott Kaufman

USA
Wynnewood,
Pennsylvania

COURSE IN CAMBRIDGE:

M.Phil, Experimental Psychology; King's College

PREVIOUS UNIVERSITIES:

Carnegie Mellon University

Broadly speaking, Scott is interested in the nature and measurement of human intelligence. Specifically, he is interested in the relationship between working memory and intelligence, artistic creativity, and the implications of theories of intelligence for special populations (gifted, learning disabled) as well as those undergoing psychotherapy.

INTERESTS:

creative writing, hip hop dancing, singing, cello, basketball, having fun and enjoying life



Miss Angeliki Kehagia

Greece
Athens

COURSE IN CAMBRIDGE:

PhD Experimental Psychology; Downing College

PREVIOUS UNIVERSITIES:

University of Athens:

BA (Greek Literature and Linguistics)

University of Cambridge:

MPhil (English and Applied Linguistics)

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

INTERESTS:

Debating, hiking, the Black Adder series.



Mr Hunter Keith

USA
Iowa

COURSE IN CAMBRIDGE:

PhD History; Sidney Sussex College

PREVIOUS UNIVERSITIES:

University of California Berkeley:

BA (History) (2001)

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 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.

INTERESTS:

Hiking, Camping, Biking, Ultimate Frisbee, Volkswagon Beetle enthusiast.



Mr Ryan Keller

USA

COURSE IN CAMBRIDGE:

MPhil International Relations; St John's College

PREVIOUS UNIVERSITIES:

Georgetown University/Brigham Young University:

BA Philosophy (2004)

Drawing upon my experiences working and studying in Senegal, Guatemala, and Greece, I will study the processes by which the normative standards of international law are created, maintained, and strengthened. I will also research how international trade regimes and international law agreements can limit

nuclear proliferation and violent conflict. In doing so, I hope to gain the understanding and foreign policy tools necessary to make the world more peaceful than I found it.

INTERESTS:

Reading Existential and Ancient Philosophy, Waterskiing, Rowing, Snow Skiing, Initiating Political and Issue-Driven Campaigns, Learning Foreign Languages

**Ms Ann Kelly**

USA
New York City

COURSE IN CAMBRIDGE:

PhD Social Anthropology; St John's College

PREVIOUS UNIVERSITIES:

Princeton University:
AB (Anthropology) (2002)

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

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 Kirchoff**

USA
Worthington, Ohio

COURSE IN CAMBRIDGE:

Ph.D. Social and Political Sciences;
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 captivated my attention and aspirations. I've worked both as a professional political hack doing opposition research and attack

media for a U.S. 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.

INTERESTS:

Long distance running, backpacking (Moscow to Singapore overland during summer of 2001; Australia, Marshall Islands winter 2002; Fiji, Egypt, 2003; Cyprus, South Africa 2004), landscape photography, cooking, 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 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 Steven D. Kreeger
USA
Pierre,
South Dakota

COURSE IN CAMBRIDGE:
MPhil International Studies; Peterhouse

PREVIOUS UNIVERSITIES:
US Military Academy:
BSc American Politics (2004)

Steven is seeking a M.Phil in International Studies, and hopes to later pursue a PhD in the same field. Focusing on how other states have worked out ethnic conflicts, he hopes to take knowledge gained from his studies back to South Dakota and its Native American communities.

INTERESTS:

Military Ethics and the Military as a Profession, American and International politics, American Football, Rugby, Running, Poker, Billiards, Cooking/baking, and Fiction Novels



**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 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 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.



Ms Tsenolo Jane 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.



Dr Joseph Lim
Philippines
Cavite

COURSE IN CAMBRIDGE:
PhD/MPhil Pharmacology; Selwyn College

PREVIOUS UNIVERSITIES:
University of Western Australia:
MLabMed

De La Salle University:
Doctor of Medicine

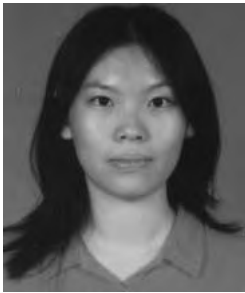
University of the Philippines:
BSc Biology

I believe that the University of Cambridge, given its prestigious history in the training of biomedical researchers, would be the

perfect setting for me to gain more research skills and experience in the field of multidrug resistance in cancer. In the long term, I intend to be actively involved in biomedical research in the context and setting of the population of a developing country, like the Philippines, as well as collaborative studies with my contacts in Australia and in the UK.

INTERESTS:

Music (classical, opera, techno, and pop), movies, tennis, surfing the internet, and cooking



Miss Ming Yeong Lim
Malaysia
Selangor

COURSE IN CAMBRIDGE:
MBBChir Clinical Studies; Selwyn College

PREVIOUS UNIVERSITIES:
University of Cambridge:
BA(Hons) Medical Science (2004)

To be offered a Gates Scholarship to continue my medical education at Cambridge provides me the opportunity to be trained from one of the best patient-orientated and research-based medical school. This will greatly help me in my future medical career, both in the hospital and in the lab. In equipping myself with

valuable clinical skills through direct patient contact, I aspire to become a compassionate and thinking member of the medical profession and of the general community.

INTERESTS:

I enjoy travelling, watching plays and musicals, ballroom dancing, listening to music, playing badminton, cosying up with a good book, having cookouts with friends and window-shopping.



Mr Andrew Lin
USA
Palo Alto,
California

COURSE IN CAMBRIDGE:
MPhil Biological Science; Trinity College

PREVIOUS UNIVERSITIES:
Harvard University:
BA Biology (2004)

My research is in developmental neuroscience, specifically on axon guidance. I am studying how extensions from neurons (called axons) find their way through the developing brain and end up on the correct targets. This research may have future implications for brain repair, as neurons introduced into damaged tissue

must integrate correctly into the surrounding network.

INTERESTS:

Piano, music, history, politics, public health



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)

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.
<http://www.econ.cam.ac.uk/phd/tl220/home.htm>

**Miss Yingjie Liu**

China
Shenyang

COURSE IN CAMBRIDGE:

PhD Biological Sciences; Newnham College

PREVIOUS UNIVERSITIES:

Shenyang Medical College:
Bachelor of Clinical Medicine (1998)

China Medical University:
MSc (Pharmacology) (2001)

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 Yu Liu**

China
Hunan

COURSE IN CAMBRIDGE:

PhD Engineering; Sidney Sussex College

PREVIOUS UNIVERSITIES:

Beijing University of Aeronautics:
MSc Aerospace Engineering (2004);
BSc (2001)

I have a definite career goal to become a world-class researcher in Aerospace Engineering. I choose Cambridge for its top-class faculty and advanced facilities in Aeroacoustics. Upon completion of my PhD program, I will come back to China and continue my research in this area. I look forward to leading my own acoustical

lab at a major research university. I believe that a postgraduate experience at Cambridge will greatly benefit both my own career and China's aerospace industry.

INTERESTS:

Soccer, table tennis, music, movie, travel and team activities.

**Mr Tzu-Huan Lo**

USA
Spring Valley, NY

COURSE IN CAMBRIDGE:

MPhil in Chinese Studies; Wolfson College

PREVIOUS UNIVERSITIES:

Harvard University:
BA History and Science (2003)

I am studying the role of the Chinese Maritime Customs Service and port health in the evolution of Chinese transnational engagements. Previous scholarship often emphasized a reaction to foreign penetration through technological and cultural shock, and a consequent epic struggle between tradition and modernity. Following a recent conceptual shift, this research seeks to understand Chinese

agency in achieving a unique vision of modernity and its relation to the world.

INTERESTS:

Seeking wisdom through sojourns, acquaintances and studies; making good use of it; and stopping to smell a few roses along the way.

Mr Kristof Madarasz

Hungary
Budapest

COURSE IN CAMBRIDGE:

PhD in Intellectual History; Jesus College

PREVIOUS UNIVERSITIES:

University of California Berkeley

Invisible College, Budapest

Laszlo Rajk College BUESPA



**Miss Vera
Makarov**
USA
Coppell, Texas

COURSE IN CAMBRIDGE:

PhD/MPhil History of Art and Architecture;
Pembroke College

PREVIOUS UNIVERSITIES:

Harvard University:
BA Social Studies (2004)

I'm interested in exploring the roles of art and arts funding in modern society. My focus of research is Russian Non-Conformist Art in the late 20th Century. By contrasting Socialist Realism with dissident art that defied the Communist Regime, I'm hoping to learn more about the social and political influences of art.

INTERESTS:

Art Dancing Scuba Diving Rock Climbing Traveling
Politics



**Mr Benedikt
Mandl**
Austria
Salzburg

COURSE IN CAMBRIDGE:

PhD in Zoology; King's College

PREVIOUS UNIVERSITIES:

Bowling Green State University;
University of Salzburg: BSc

When all the busyness of our daily engagements occurs disturbingly unsatisfactory, it transforms into little more than an attempt to distract ourselves from the futility of an individual's existence. I feel that I prefer to withdraw myself from that and focus scientifically on animals, that proved to be both, more interesting and less disappointing than human beings. A deep

understanding of evolution enables one to the perception of life from a distance in its most basic and tranquil beauty.

INTERESTS:

In academic life, I work on the development of the central nervous system in the model of the fruitfly *Drosophila melanogaster*. I apply mainly immunolabelling and electron microscopy techniques. Though that sounds quite specific, I would define myself as a general zoologist. I am interested in photography, illustration and cartoons, used to work as an illustrator on several occasions for advertising agencies and papers. I also do webdesign and enjoy art and literature. Travelling is another important hobby to me (see my website).



**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.



**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.



**Miss Ella
McPherson**

USA
Washington, DC

COURSE IN CAMBRIDGE:

PhD Social and Political Sciences; Pembroke College

PREVIOUS UNIVERSITIES:

University of Cambridge:

MPhil Latin American Studies Certificate in Spanish (2004)

Princeton University:

Certificate in Latin American Studies (2001)

INTERESTS:

photography, train travel, ebay

I'm looking forward to starting my PhD on the role of photojournalism in situations of human rights violations in Latin America.



**Miss Elena
Menichelli**

Italy

COURSE IN CAMBRIDGE:

PhD Molecular Biology; Magdalene College

PREVIOUS UNIVERSITIES:

University La Sapienza, Rome:

Laurea (Chemistry) (2000)

INTERESTS:

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

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.



**Miss Joannah
Metz**

USA
Champaign,
Illinois

COURSE IN CAMBRIDGE:

MPhil Polar Studies; Churchill College

PREVIOUS UNIVERSITIES:

University Illinois at Urbana-Champaign:

BSc Engineering Physics, Astronomy and Geophysics (2004)

INTERESTS:

My interests include travel, SCUBA diving, reading, and archaeology. I also hold a brown belt in Kuk Sool Won, a Korean martial art.

I am studying for an MPhil degree in Polar Studies at the Scott Polar Research Institute. I have always loved space, and plan to spend my career looking for life on Mars. I even hope to be an astronaut someday and to conduct fieldwork on Mars.



**Miss Maja
Milicevic**

Yugoslavia
Belgrade

COURSE IN CAMBRIDGE:

PhD English and Applied Linguistics; Darwin College

PREVIOUS UNIVERSITIES:

University of Cambridge:

MPhil (English and Applied Linguistics) (2004)

University of Belgrade:

BA (Italian Language and Literature) (2001)

in Serbia at all levels, from primary schools to university, through practical teaching activity and through promotion of research in the relative field.

INTERESTS:

Academic interests: morphosyntax in second language acquisition, pedagogical grammar and contrastive linguistics, translation studies. Other: learning new foreign languages, cinema, theatre.

My research follows the direction of my main career goal, which is to work in the sector of education. My area of study is second language acquisition and I expect to draw from it data useful also in terms of pedagogical grammar. I hope to apply the results I obtain in Cambridge on further improvement of language teaching



**Mr Zerihun
Mohammed**
Ethiopia

COURSE IN CAMBRIDGE:
PhD Geography; Wolfson College

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

My proposed research deals with resource competition and inter-ethnic relations in south-central part of Ethiopia. It focuses on the link between the impact of ethnic relation on people's access to natural resources on the one hand and how relations between various ethnic groups are influenced by individual's decisions to

secure access to such resources. The research is believed to contribute to the effort to understand the factors that shape relations among different ethnic groups.

INTERESTS:

Sport in general but mad for football (both Playing and watching,) music and travel.



**Ms Rita
Monson**
Canada
Fredericton,
New Brunswick

COURSE IN CAMBRIDGE:
PhD Biochemistry; Gonville & Caius College

PREVIOUS UNIVERSITIES:
Massachusetts Institute of Technology

I am excited to meet a whole new group of friends at Cambridge and experience. My PhD will focus on the field of quorum sensing in microbial communities.

INTERESTS:

Squash, Reading and independent films



Ms Julia Moses
USA
Havre de Grace,
Maryland

COURSE IN CAMBRIDGE:
PhD History, St John's College

PREVIOUS UNIVERSITIES:
University of Oxford:
MPhil Modern European History (2004)

Columbia University:
BA European History (2001)

My PhD will focus on the development of social welfare policies in Germany, Britain and Italy from the 1880s to the early 1920s. I seek to address the extent to which domestic and transnational discussions about national welfare policy

related to changing conceptions of national identity and national strength. With this dissertation, I also hope to contribute to current debates about social welfare reform.

INTERESTS:

Learning languages (currently working on my sixth), playing the piano (mostly classical but hope to start with jazz), listening to music, the history of art and architecture, sailing, rambling, traveling



**Mr Michael
Clifford Motto**
USA
Tulsa, Oklahoma

COURSE IN CAMBRIDGE:
MPhil Criminological Research; King's College

PREVIOUS UNIVERSITIES:
Yale University:
BA Sociology (2001),
BA American Studies (2001)

My most enduring intellectual interest has been studying law and order against the backdrop of racial integration. During my time at Cambridge, I intend to focus on the political, governmental and juridical ordering of systems of racial hierarchy in Britain. I want to examine the relations among crime, policing and public culture as they have emerged in an

increasingly complex dialectic, locating the vital connections between academic disciplines that help explain how cultural institutions work.

INTERESTS

I'm a huge fan of the graphic novel and hope, some day, to write one of my own. Beyond this, photography and modern art keep me pretty happy, along with a healthy dose of politics, books, movies--err, 'films'--and most importantly, family and friends. I'm also rather devoted to music and have more than once contemplated a wild and wonderful life as a rock star academic.



Ms Alexandra Mudd
USA

COURSE IN CAMBRIDGE:

PhD History and Philosophy of Science;
Darwin College

PREVIOUS UNIVERSITIES:

The University of Chicago:
MA Divinity/Religious Studies (2003)

St. John's College, USA:
BA Double Major: Philosophy and History of
Mathematics and Sciences

My Ph.D. explores the problem of trust in testimony from a psychological perspective that foregrounds unconscious motivation. Broadly speaking, I am interested in the intersection of ethics and epistemology. I am grateful to the Gates Trust for the opportunity to study in such an outstanding community of scholars.

INTERESTS:

I love cooking, dancing and the Great Outdoors! I also care passionately about psychoanalysis and the examined life.



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.



Ms Emily Murphy
USA
East Lyme,
Connecticut

COURSE IN CAMBRIDGE:

PhD, Experimental Psychology; Trinity College

PREVIOUS UNIVERSITIES:

Harvard University:
AB Magna cum laude with highest honors (2003)
Psychology/Mind, Brain, Behavior

My research is in the interdisciplinary field of neuropsychopharmacology. Broadly speaking, I study relationships between higher cognitive functions and their

anatomical, pharmacological, and molecular correlates. My work specifically investigates glutamate receptor subtype interactions in models of disrupted cognition similar to that seen in schizophrenia. My secondary interest lies in the growing field of neuroethics: the impact of neuroscience on social, legal, medical and ethical issues.

INTERESTS:

Cooking, hiking, travel, rock climbing, rowing, dancing, wine and food, literature and writing



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 Senthil
Kumar Natesan**
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.



**Miss Lien
Nguyen**
Viet Nam
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.



Ms Emily Noah
USA

COURSE IN CAMBRIDGE:
PhD Geography; Queens' College

PREVIOUS UNIVERSITIES:
Brown University:
AB Environmental Studies (1996)

Yale University:
MESC Environmental Policy (2002)

Building on previous work, my focus in geography is on environmental policy innovations, especially ones reliant on cooperation among businesses, citizens and government. I will apply interdisciplinary methods I used to research wood eco-labeling to other efforts in EU sectors, many of which are leaders in this area. Through the unequalled opportunity

offered by the Trust, I will prepare for a career in academia, where environmental issues demand collaboration across and beyond the university.

INTERESTS:
I enjoy the outdoors, travel, cinema (both artistically lauded films and more obscure, unintentionally kitschy fare), personal attempts at creative writing and various craft activities, and learning about plants and the development of the field of natural history. I am also a devotee of 19th century-early 20th century British literature and caffeinated beverages. Political advocacy processes are an important part of my life as are environmental education and volunteer tutoring/mentoring for at-risk kids. At Cambridge, I hope to become re-acquainted with earlier pursuits of tennis and equestrian sports.



Mr Johannes Nordstrom
Sweden

COURSE IN CAMBRIDGE:
PhD Mathematics; King's College

PREVIOUS UNIVERSITIES:
University of Cambridge:
BA Mathematics (2003),
MSc Mathematics (2004)

I've previously done the Mathematical Tripos here in Cambridge. I am now staying on to do research in differential geometry, particularly Kahler geometry and the geometry of manifolds of special holonomy.

INTERESTS:

Boardgames (particularly go and diplomacy), film



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 four 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)

PhD research concerns gender and representations of bullying across in-groups and out-groups in British secondary schools. The study explores the usefulness

of making a distinction often investigated in the bullying literature: that between abuse based on individual characteristics, and abuse in terms of group membership, such as one's race or sex as a whole.

INTERESTS:

Research interests are mainly constructionist and discursive theories applied across a range of topics, including: the social construction of "geeks"; reconstruction of childhood through history using artworks; argumentation analysis for uncovering social representations of the Euro in the British press; the political socialisation of children; and bullying in schools, with a focus on adolescent perceptions of peer groups and issues of conformity and differentness.



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)

I spent last year in Israel researching security, terrorism, and fear. Now, in my third year, I return to Cambridge to turn this fieldwork into a PhD thesis that examines the relationship between national security and private security.

INTERESTS:

Papermaking, bookbinding, travel, museums, dancing.



**Mr Sheehan
Olver**

USA
Coon Rapids,
Minnesota

COURSE IN CAMBRIDGE:

PhD Applied Mathematics and Theoretical Physics;
Trinity Hall

PREVIOUS UNIVERSITIES:

University of Minnesota Twin Cities:
BSc Mathematics with Computer Science (2004)

Freedom is free of the need to be free.

INTERESTS:

Wakeboarding, Water Skiing, Extreme Tubing,
Downhill Skiing, Numerical Analysis



**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.



**Ms Clementina
Osti**

Italy
Rome

COURSE IN CAMBRIDGE:

PhD in European Literature (Department of French);
St. John's College

PREVIOUS UNIVERSITIES:

Oxford University, Trinity College:
MSt. European Literature (2003)

London University:
BA(Hons.) English Distance Learning Programme
(2002)

I am focusing my research on major European literary competitions such as the Prix Goncourt, Premio Strega or Booker Prize. I am particularly interested in considering issues of cultural and literary identity as they appear in the winning novels and hope to investigate the influence of literary allusions and intertextual references in the establishment of aesthetic judgement.

My research topic was born out of both my academic studies and my professional experiences with the Italian Foreign Service and the European Commission. The research will hopefully provide a fresh view of comparative literature through an anthropological focus. Moreover, it may lead to future analysis of European cultural policy and cultural production from a transnational perspective.

INTERESTS:

Horse riding, swimming, history of cinema, folk and country music.

**Mr Raj
Pandia-Raj**

India
Tamil Nadu

COURSE IN CAMBRIDGE:

PhD Engineering; Jesus College

PREVIOUS UNIVERSITIES:

IIT Madras

Arriving January 2005



**Mr Antonios
Pantazis**

Greece
Hellas,
Athens

COURSE IN CAMBRIDGE:

PhD Anatomy (Dm phototransduction);
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:

films, music, volleyball, basketball, badminton, playing the trumpet



**Miss Geraldine
Parsons**

Ireland
Co. Kildare

COURSE IN CAMBRIDGE:

PhD in Anglo-Saxon, Norse and Celtic;
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.



**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.



Ms Camille Paxton

USA
Cypress,
California

COURSE IN CAMBRIDGE:

PhD Biological Science (Immunology);
Downing College

PREVIOUS UNIVERSITIES:

Hampshire College:
BA Biological Sciences (2004)

I am trying Biochemistry, cell and molecular biology to understand the bases of how cells work. Many time advances in sciences and medicine go forward with out understanding the underlining mechanisms

of how cells work. By trying to have this understanding it will not only advance human knowledge but may make it easier for further scientific developments to proceed.

INTERESTS:

My other interest include Traveling, taking pictures, scuba diving, trying new out door actives such as rock climbing and whit water rafting. Doing volunteer work, especially encouraging children's scientific pursuits.



Mr Richard James 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.



Ms Hoai (Julie) Pham

USA
Washington

COURSE IN CAMBRIDGE:

PhD History; Pembroke College.

PREVIOUS UNIVERSITIES:

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

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.



Miss D S Pino Pasternak

Chile
Punta Arenas

COURSE IN CAMBRIDGE:

PhD Education: Darwin College

PREVIOUS UNIVERSITIES:

Universidad Metropolitana de Ciencias de la Educacion:
BA (Especial Education);

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 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)

In 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 & Caius College

PREVIOUS UNIVERSITIES:

St. Petersburg State University:
Higher Education Diplom of Economist-Mathematician,
Supplementary Higher Education Diplom of Interpreter

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 Laura Beatriz Porro

USA
Schiller Park,
Illinois

COURSE IN CAMBRIDGE:

MPhil Palaeobiology; Selwyn College

PREVIOUS UNIVERSITIES:

University of Illinois:
BSc Biology and Earth Sciences (2003)

It is a true honor to have received a Gates Cambridge Scholarship. Pursuing my master's degree at Cambridge is the opportunity of a lifetime and I am excited to be able to join such an interesting and diverse group of people this coming year! I

look forward to working in the Earth Sciences department using finite element analysis (FEA) to shed greater understanding on cranial kinesis in heterodontosaurids, a group of small, herbivorous dinosaurs.

INTERESTS:

Palaeontology; zoology; ecology; classical studies; literature; art (pencil and pen drawings, digital); website design; photography; hiking; biking; swimming; snorkeling; movies; Calvin and Hobbes comics, etc.



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 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 doing my PhD research on the media coverage of molecular biology, focusing on the historical development of networks of communication between molecular biology and scientific journalism.

INTERESTS:

Anything active: Basketball, Boxing, Volleyball, Touch Rugby... and travelling anywhere I can afford to go!



Mr Gian Paolo Procopio

Italy
Montepaone Lido

COURSE IN CAMBRIDGE:

PhD Theoretical Physics (DAMTP)

PREVIOUS UNIVERSITIES:

University of Bologna:
BSc (Physics)

I am interested in exploring and identifying the basic principles governing the generation and the behaviour of energy and matter. During my time spent in Cambridge I hope to develop the skills I need to do research in theoretical physics leading to greater understanding of the basic laws of nature. I would also like to be part of the University's influential international alumni network and I think that being a Gates Scholar will help to accomplish this ambition.

INTERESTS:

Travel around the world, Opera, Cinema and swimming.



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 Clinical Studies

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 Walter
Rentzsch**

Germany

COURSE IN CAMBRIDGE:

PhD Engineering; Gonville & 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).



**Miss Mahnaz
Rezaeian**

Iran
Karaj

COURSE IN CAMBRIDGE:

PhD in Geology; Churchill College

PREVIOUS UNIVERSITIES:

Shahid Beheshti University, Iran:

BSc (Geology),

MSc (Tectonics)

My research project will work on aspects of an area subject to flood, landslide and earthquake, and by a better understanding of the interaction of climate, erosion and tectonics in the area, I can make a practical contribution to the people of the area. Also, erosion has a fundamental impact on the society and economy of the region. My work is likely to yield unique insights into the dynamics of active mountains systems. the benefits of the work will be scientific, but also social.

INTERESTS:

I always welcome to voluntary works and try to associate in team work activities and benefit to humanitarian societies. I love light sports and I'm an amateur mountaineer. Also, I'm very interested in Iranian arts such as Iranian music and handicrafts. I know how to play Setar that is an Iranian traditional musical instrument. Meanwhile, I'm familiar with weaving carpet.



**Ms Barbara
Richter**

USA
Upper Saddle
River,
New Jersey

COURSE IN CAMBRIDGE:

MPhil Chemistry; Peterhouse

PREVIOUS UNIVERSITIES:

Harvard University:

AB Chemistry and Physics (2004)

I am excited about coming to Cambridge and meeting people from around the world. My research here will be in the field of protein folding.

INTERESTS:

snowboarding, rugby, soccer, cooking, traveling, reading



**Mr Oliver
Rinne**

Germany
Minden

COURSE IN CAMBRIDGE:

PhD Theoretical Physics; Trinity College

PREVIOUS UNIVERSITIES:

University of Heidelberg:

Vordiploma (Physics and Mathematics) (2000)

University 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 formation.

INTERESTS:

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



**Ms Heather
Irene Ritchey**

USA
Batavia, Illinois

COURSE IN CAMBRIDGE:

M.Phil in Management Studies; Jesus College

PREVIOUS UNIVERSITIES:

US Military Academy:
BS Systems Engineering (2004)

In life, I've learned that the future doesn't hang around and wait for us to prepare, we must seize the opportunities presented today and make the most of them. People and organizations must constantly learn and adapt. At Cambridge, I will focus on looking at how hierarchical relationships in an organization affect learning,

specifically, how a group steeped in tradition and based on power relationships can adapt to the changing world around it and prove successful in the future.

INTERESTS:

Traveling – my goal is to visit all 7 continents.
Reading – gray rainy days are meant to curl up under a blanket with a good book. Sports – pretty much anything and everything. Trying new things – new food, new activities, etc!



**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
Robertson**

USA
San Diego,
California

COURSE IN CAMBRIDGE:

PhD Molecular Biochemistry; 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. Besides research, I'm interested in the public face of science: the way that science is portrayed through the media, the way it influences politics and the way it is governed through public policy.

INTERESTS:

Water Polo, Tennis, Skiing, Surfing, Cooking, Salsa Dancing, Traveling, Guitar and visiting my grandmother.



Miss Ana 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).



**Ms Amy
Elizabeth Rowe**

USA
St Johnsburg,
Vermont

COURSE IN CAMBRIDGE:

PhD Social Anthropology; Girton College

PREVIOUS UNIVERSITIES:

Colby College:
BA Anthropology and Religious Studies (1999)

I look forward to drawing together my varied personal and academic interests in my PhD program at Cambridge. I have lived and studied in India, worked in public policy, and taught history at a private school in Vermont for the last 3 years. At Cambridge I will pursue a project investigating immigration in rural New

England. I am especially interested in social memory and the production of public historical accounts. My goal is to teach at the university level upon completion of my degree.

INTERESTS:

Hiking/camping, tennis, cooking, gardening, and traveling.



**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.



**Miss Nuria
Victoria
Sanchez Puig**

Mexico

COURSE IN CAMBRIDGE:

PhD Chemistry; Gonville & 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.



**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 believe 'life is fun, so work hard to enjoy it'. I love playing cricket, and I am also interested in photography, music and travelling. I like writing scientific articles and organising cultural events.



Ms Emma Sayer
Switzerland

COURSE IN CAMBRIDGE:
Ph.D. in Tropical Ecology; Peterhouse

PREVIOUS UNIVERSITIES:

University College Dublin:
BA (History and Greek and Roman Civilisation) (2000),
MA (International Relations) (2001)

Although I started out with a mostly scientific interest in tropical forests, I have also learnt a lot about forest management and the problems of integrating local populations into conservation issues and environmental decision-making. Fighting poverty and improving education is the

only way to start protecting tropical forests and I hope that my academic studies will help me to make a practical difference in the future.

INTERESTS:

walking, cycling, photography, reading, cinema, cooking, basketball, music, tropical forests, forest management...



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.



Mr Jost Schatzmann
Germany
Hamburg

COURSE IN CAMBRIDGE:
PhD Engineering; Darwin College

PREVIOUS UNIVERSITIES:

Imperial College, London:
BEng (Information Systems Engineering)

My PhD is on statistical approaches to spoken and multimodal dialogue systems. 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:

Rowing for Darwin College Boat Club, Running, Squash



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 Daniel Schuldes

Germany

COURSE IN CAMBRIDGE:

MPhil Economics; Trinity Hall

PREVIOUS UNIVERSITIES:

London School of Economics:
BSc Mathematics and Economics (2004)

Originally from Germany, I look forward to experiencing Cambridge, both as an intellectual challenge as well as a cultural experience. The Scholarship gives me the exceptional opportunity to further my knowledge in Economics- a subject that attracts me since it helps to explain what forms world events. Afterwards, I hope to complete a PhD and work for an

international organisation. In my free time, I hope to have a great time getting to know all my fellow scholars.

INTERESTS:

Economics, Politics, Skiing, Snowboarding, Juggling, Footbag, Frisbee, Circus, Badminton and Chess



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.



Miss Robyn Scott

New Zealand

COURSE IN CAMBRIDGE:

MPhil in Bioscience Enterprise; St Catharines

PREVIOUS UNIVERSITIES:

University of Auckland:
BSc Bioinformatics (2003)

I am particularly interested in the societal and ethical issues associated with bioscience commercialisation and I feel strongly about the need to increase resources directed towards solutions for devastating disease epidemics like Aids. Ultimately, I hope to be able to influence relevant policy decisions. For me, a great privilege of this scholarship is the opportunity to meet people who share

the goals of the Gates Foundation, which is doing so much to address global health inequities.

INTERESTS:

Socially responsible investment and corporate social responsibility, politics, running, diving, show jumping, yoga, vegetarian cooking, writing, and most of the usual suspects.



Mr M Raghavendra Seshagiri

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 Lishan 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 Zain Shirazi

Canada

COURSE IN CAMBRIDGE:

PhD History; Fitzwilliam College

PREVIOUS UNIVERSITIES:

University of Cambridge:
MPhil Oriental Studies (2004)

University of British Columbia:
BA(Hons) History (2003)

Ms Anna Silverstein

USA

COURSE IN CAMBRIDGE:

MPhil Classics; King's College

PREVIOUS UNIVERSITIES:

University of Cambridge:
BA Classics (2004)

New York University:
BA Philosophy/History (2000)

**Mrs Urbasi Sinha**

India

COURSE IN CAMBRIDGE:

PhD in Physics and Material Science

PREVIOUS UNIVERSITIES:

Jadavpur University, Calcutta, India:
BSc (Physics) (2000)

University of Cambridge:
BA (Natural Sciences) (2002)

I am doing my PhD on superconducting-ferroelectric heterostructures. This is my second year of PhD under the supervision

of Dr.Edward Tarte. Our work is based both in the Material Science department as well as the Integrated research centres in superconductivity and nanotechnology.

INTERESTS:

Reading, writing, music, cooking

**Mr Jeff 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)

Jeff is interested in studying ethics, changing the products consumed by traditional human ways of life, and traveling through remote areas in all regions of the world. After completing a

PhD in the History and Philosophy of Science, he will return to the US to attend law school. He hopes to become a professor of law in order to pursue philosophical, legal and political work in bioethics, animal rights, and environmental protection.

INTERESTS:

Bioethics and Animal Rights; Backpacking and Travel.

**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 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).

**Ms Hilary 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.

**Mr Julian Sonner**

Germany
Munich

COURSE IN CAMBRIDGE:

PhD Theoretical Physics; Trinity College

PREVIOUS UNIVERSITIES:

University of Cambridge:
Part III Theoretical Physics (2004)

Edinburgh University:
BSc Mathematical Physics (2003)

My research interests centre on problems in M-Theory and String Theory. These theories allow us to describe the phenomena of gravitation and quantum field theory in a unified way. Recently I have been involved in the study of

generalized holonomy in M-Theory, a technique to classify supersymmetric solutions of M-Theory. In my PhD I hope to continue exploring stringy physics with the help of contemporary mathematical tools.

INTERESTS:

playing the piano, listening to music (both classical and not), cooking, sports (tennis, skiing...)



**Ms Elizabeth
Alexis Sowers**

USA
Seal Beach,
California

COURSE IN CAMBRIDGE:

MPhil Modern Society and Global Transformation;
St John's College

PREVIOUS UNIVERSITIES:

UC Santa Barbara:
BA Global Studies (2003)

At Cambridge, I hope to study the problems and possibilities for human rights in a globalizing world. I plan to explore the tension between economic globalization (which has brought benefits for some) and upholding some standard of human rights, as well as the relationship

between the ideal of universal human rights and the need to respect cultural differences. I hope to put this research to practical use at the international level in the future.

INTERESTS:

Ballet, reading, music, traveling, learning, and politics.



**Mr Asbjorn
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.



**Mr Florian
Steinberger**

Germany

COURSE IN CAMBRIDGE:

PhD Philosophy; Hughes Hall

PREVIOUS UNIVERSITIES:

University of Paris I-Sorbonne:
Maitrise Mathematical Logic,
Maitrise Philosophy (2003)

Sorbonne Pantheon:
License Mathematical Logic,
License Philosophy (2003)

University of Provence:
Delig. Philosophy (2001)

My doctoral work focuses on the philosophy of mathematics and logic. Ultimately I hope that my work will encourage the collaboration between

researchers in the fields of philosophy, mathematics, computer science and related disciplines.

INTERESTS:

My interests include: spending time with my dog, literature, Jewish history, jazz, politics, natural sciences, cinema, arts.



Ms Cassandra Sweet
USA

COURSE IN CAMBRIDGE:
PhD in Land Economy; Jesus College

PREVIOUS UNIVERSITIES:
University of Cambridge
Stanford University
Georgia State University

My work explores the emergence of an alternative geography of trade, focusing on giants Brazil and India and the capacity of large developing nations to realize south-south economic integration. This Southerner

hails from Atlanta, trade terminus, pecan and hip-hop hub. Experience spans work in international agencies, public schools, radio journalism, international legal research and municipal administration. I hope through my doctorate studies to illuminate trends in economic development.

INTERESTS:

Clean water, community cinema, northeastern Brazil, large tomato gardens, East Palo Alto, international relations, transportation, all languages, salsa, samba, bachata, ciranda, poetry of the street.



Ms Astrid Swenson
Germany

COURSE IN CAMBRIDGE:
PhD History; Fitzwilliam College

PREVIOUS UNIVERSITIES:
Mohannes Lutenburg 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 in Engineering; St John's College

PREVIOUS UNIVERSITIES:

Imperial College London ;
MEng (Chemical Engineering) (2002)

UNITECH International Society (Switzerland)/Delft
University of Technology (Netherlands);

UNITECH International Degree, (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 in Semiconductor Physics; Wolfson College

PREVIOUS UNIVERSITIES:

Manonmaniam Sundaranar:
BEd, BSc, MSc (Physics)

I am me!! The usual cliched stuff friendly,vivacious, caring,affable etc. On a serious note here is a bit about me... I am a confident and talkative person. I believe in working very hard and also having fun...a kind of balancing act! Friends say that I am full of zest for life and brimming with enthusiasm for any activity. My

ambition in life is to be ?Someone who excels in any field she cares to follow.

INTERESTS:

An avid reader, fiction and the classics are my favourite. Besides philately and numismatics, I also enjoy painting, travel and trekking.



**Mr Indrasenan
Thusyanthan**

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 Sarah Tierney
USA
Austin, Texas

COURSE IN CAMBRIDGE:
MPhil Development Studies; Lucy Cavendish College

PREVIOUS UNIVERSITIES:
University of Texas:
BA Government (2004)

I am interested in how communication technologies such as radio, television, telephony, and the Internet can provide economic and social benefits in developing countries. I also study the effectiveness of

international political efforts to make information and communication technologies a development priority.

INTERESTS:
running, hiking, travel, cooking, reading, and politics



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 in 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 ideas of

selfhood in its ability to act as a reference point of truth for social and nationalist groups seeking political self-determination. With regards to my future aspirations, my research will 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 Jan Trnka
Czech Republic
Prerov

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

PREVIOUS UNIVERSITIES:
Charles University, Czech Republic:
MD Medecine (2004)

I am very glad to have the opportunity to study at Cambridge University. My research will focus on the signalling from the mitochondria to the rest of the cell by means of redox active species. Any progress in this area might elucidate some of the mechanisms behind the damage

caused by diseases such as diabetes, Parkinson disease, atherosclerosis, stroke, etc. In the future I see myself as a researcher and teacher at a university.

INTERESTS:
Music (classical, world, punk...), yoga, rowing, movies, philosophy, travelling, theology, history...



Ms Tatiana Tzoulia
Greece
Athens

COURSE IN CAMBRIDGE:
PhD Economics; Pembroke College

PREVIOUS UNIVERSITIES:
Massachusetts Institute of Technology:
BS (Biology)

Stanford University:
MA (Communication Theory and Media Studies)

London School of Economics:
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.



Mr Murali Karthick Vadivelu
India
Chennai

COURSE IN CAMBRIDGE:
PhD – MB BCh Protein Engineering;
St John's College

PREVIOUS UNIVERSITIES:
The Tamil Nadu Medical University, India:
MBBS

A scientist who discovers a new medicine or vaccine or the like will help the entire humanity. For example, Salk's (a clinician-scientist) polio vaccine made an immense impact in human history. This is usually very difficult to achieve in clinical medicine alone. Thus, I decided on to become a clinician-scientist.

INTERESTS:
Reading, writing, philosophy of science and philosophy in general, swimming, computers, teaching...



Mr Viktor Vafeiadis
Greece

COURSE IN CAMBRIDGE:
PhD Computer Science; Selwyn College

PREVIOUS UNIVERSITIES:
University of Cambridge:
BA(Hons) Computer Science (2004)

My long-term aim is to improve software quality by developing programming environments that will detect most errors automatically, thus enforcing correctness by design. During my PhD, I will investigate the design space of safe modular type systems and extend existing systems in order to capture more precisely the implied semantics of each module; thus creating a

system able to provide additional static and dynamic correctness guarantees, going far beyond what classical type systems achieve.

INTERESTS:
Orthodox and hellenic societies, water polo, chess



Mr Andres Vallejo

Ecuador

COURSE IN CAMBRIDGE:

PhD Geography; Churchill College

PREVIOUS UNIVERSITIES:

University of Ecuador:

BSc (Biology) (1995)

University of Cambridge:

MPhil (2000)

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.



Miss Nicole 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)

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.



Ms Sarah van Mastrigt

Canada
Calgary

COURSE IN CAMBRIDGE:

PhD in Criminology; Magdalene College

PREVIOUS UNIVERSITIES:

University of Cambridge:

MPhil Criminology Research (2004)

University of Calgary:

BA(Hons) Psychology: Law and Society (2002)

Unique theoretical and legal issues are raised when individuals commit crime in conjunction with others. My PhD will focus specifically on the role of gender in co-offending. Are offences committed by females acting together significantly different

from those committed by male or mixed sex crime groups? If so: in what ways, and why? Answers to these and other questions will stimulate academic discussion and improve the ways in which we investigate, prosecute, and ultimately prevent, crime.

INTERESTS:

My greatest passion is travel- only two more continents to go and I will have stepped foot on every one! Speaking of feet, I have a mild (well, ok, some might argue a moderate) shoe shopping addiction! Dance, theatre, reading and volunteering are my other devotions. Above all, I love meeting new people so come and say hello!



Mr Marko Velic

Croatia

COURSE IN CAMBRIDGE:

PhD Physics; Churchill College

PREVIOUS UNIVERSITIES:

University of Zagreb:

BSc (Physics) (2000)

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 in Computer Vision; Trinity College

PREVIOUS UNIVERSITIES:

Imperial College of Science, Technology and Medicine:
MSc (Computer Science and Mathematics)

I am doing research within the subject of Computer Vision and specifically on automatically building a 3D model of a scene, using a number of digital images. This is part of the age old Artificial Intelligence aim of making a machine 'see' the world. While interesting from the perspective of

potential applications, this research will hopefully also shed some light into human vision, and how our brain perceives and reconstructs the 3D world using the 2D information provided by the eyes.

INTERESTS:

Playing the guitar, reading.



Ms Noreen Von Cramon-Taubadel

Ireland

COURSE IN CAMBRIDGE:

PhD Biological Anthropology; St John's College

PREVIOUS UNIVERSITIES:

University College, London:
MSc Human Evolution (2003)

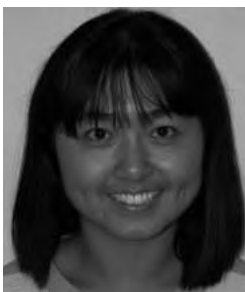
National University of Ireland, Galway:
BSc(Hons) Zoology (2002)

My fascination for human evolution grew from my zoological training and a desire to become involved in one of the least objective academic fields-research into our very own origins. My future career goals are

to carve a research niche in Anthropology and to become an active educator within the field. I believe it is important for students to develop an appreciation of the time-depth involved in the history of our species. The Gates Scholarship affords me the opportunity to pursue my ambitions.

INTERESTS:

Rowing, walking, wildlife, reading, cinema, travel, dance and theatre.



Ms Yalan Wang

China
Anyang

COURSE IN CAMBRIDGE:

PhD in Engineering; Christ's College

PREVIOUS UNIVERSITIES:

Xi'an Jiaotong University:
BEng (Electrical Engineering) (2000)

Tsinghua University:
(2002)

I feel honoured to be a Gates Cambridge Scholar, which has enabled me to realise one of my dreams rooted since my childhood, – to pursue studies and gain experience in one of the world's best learning centres. The training and expertise

obtained at Cambridge, the passion for my work and the unceasing effort would make me step towards to contributing something to this world either in academic research or in industrial development, I believe!

INTERESTS:

I have enjoyed rowing at Cambridge and won blades as a member of the College Women's VIII in the 2004 May Bumps. This achievement is for sure one of the most striking possessions for my university life. Besides, I am a big fan of swimming and music. Traveling is also my favorite as I like getting to know different people and different cultures.



Mr Caleb Ward
New Zealand

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.



Mr Aaron Weinstock
Australia
Victoria

COURSE IN CAMBRIDGE:

MPhil (Philosophy); Trinity College

PREVIOUS UNIVERSITIES:

Melbourne University:
LLB BA

I am a commercial lawyer with a nagging interest in analytic philosophy. I have taken a break from legal practice to satisfy that interest at Cambridge. It is a pleasure and honour to study analytic philosophy at Cambridge, as the discipline was largely pioneered here.

INTERESTS:

Martial arts Weight training Latin American dancing



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 / Artificial Intelligence;
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 Jeffrey
Lawrence
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 my present work in Social Anthropology, I am looking at the relationship between democratic practice, caste, and village life 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.



**Mr Mattias
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.



Miss Julia Wolf

Germany
Stuttgart

COURSE IN CAMBRIDGE:

PhD Pure Mathematics; Clare College

PREVIOUS UNIVERSITIES:

University of Cambridge;
BA; Certificate of Advanced Studies in Mathematics

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 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.



**Miss Katherine
Wong**

USA
Davis, California

COURSE IN CAMBRIDGE:

MPhil Advanced Chemical Engineering Practice;
St Catharine's College

PREVIOUS UNIVERSITIES:

UC Berkeley:
BS Chemical Engineering (2004)

My course offers a unique opportunity to combine both practical training, through the MIT practice school, with engineering fundamentals. I look forward to bringing the techniques I learn at Cambridge to industry.

INTERESTS:

Skiing, hiking, fishing and reading.

Arriving January 2005



Mr Shane Woods

Canada
Toronto

COURSE IN CAMBRIDGE:

PhD Genetics; Hughes Hall

PREVIOUS UNIVERSITIES:

Queens' College:
BSc Biochemistry (2004)

I have a degree in biochemistry but have spent most of my research hours studying the cytoskeleton and searching for drugable targets of small molecules. I plan to complete my doctoral studies investigating duplicate genes on a functional level and deciphering their evolutionary role. Besides research, I'm

interested in the relationship between science-business and the way in which this relationship influences the economy.

INTERESTS:

In my off time you will most likely find me snowboarding, wakeboarding, travelling, or hanging out with friends.



Ms Anke Wurzbacher

Germany
Nurenburg

COURSE IN CAMBRIDGE:

PhD Ecological Economics; 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)

Economic-ecological interactions and their implications for sustainable development constitute a problem to which I want to dedicate much of my professional life. Having experienced development issues first-hand as a volunteer in Ecuador, I hope that my research at Cambridge will contribute to

the theoretical understanding of the role of ecological risk in natural resource management and be of applied value in ensuring the ecological and economic sustainability of international aid projects.

INTERESTS:

Sports, anything from basketball to scuba diving, preferable still if combined with travel and adventure, such as trekking in remote places.



Miss Tatyana Yakovleva

USA
Connecticut

COURSE IN CAMBRIDGE:

PhD Biochemistry; Churchill College

PREVIOUS UNIVERSITIES:

Boston College:
BSc (Biochemistry) (2003)

INTERESTS:

Singing, theatre and all things Russian



Ms Zhongqiang Yang

China
Harbin

COURSE IN CAMBRIDGE:

PhD Chemistry; Gonville & 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
Amo Yartey**

Ghana
Kissi

COURSE IN CAMBRIDGE:

PhD Economics; Hughes Hall

PREVIOUS UNIVERSITIES:

University of Cape Coast, Cape Coast, Ghana:
BA (Economics), Diploma (Education) (1998)

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.



**Miss Umut
Yildirim**

Turkey
Istanbul

COURSE IN CAMBRIDGE:

MPhil in Social Anthropology;
Lucy Cavendish College

PREVIOUS UNIVERSITIES:

London School of Economics and Political Science:
MSc Social Anthropology (2004)

Bogazici University:
MA Modern History (2002)
BA Business Administration (1999)

My research at Cambridge will look at the negotiation over identities in the context of violence. I intend to critically analyse

discourses on national security and terrorism in the Turkish context. My research also involves rethinking the political dimensions of the discipline and practice of anthropology with a particular focus on methodologies and the role of the anthropologist in the context of violence.

INTERESTS:

music, travelling, photography, cinema, documentaries, skydiving.



Ms M A Young

Australia
Melbourne

COURSE IN CAMBRIDGE:

PhD Law; King's College

PREVIOUS UNIVERSITIES:

University of Cambridge:
LLM (2003)

University of Melbourne:
BA/LLB (1999)

University of Amsterdam:
exchange (1998)

Universitas Sanata Dharma, Indonesia:
exchange (1996)

My studies examine the conflict between international trade and environmental laws regulating the use of global resources such

as fisheries. My research draws on professional experience with country delegations to international organisations and with bodies such as the International Law Commission, and academic interest in global governance, theories of democracy and sustainability. I will continue to work in this field as an academic and consultant at the conclusion of my Gates Scholarship.

INTERESTS:

My favourite activities include travel (particularly in South East Asia), sport (rowing and basketball), hiking and gorging on international film festivals.



Mr Jimin Yu

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 carriers 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 Yingqin Zheng**

China

COURSE IN CAMBRIDGE:

PhD Management Studies; Lucy Cavendish College

PREVIOUS UNIVERSITIES:

Guangdong University of Foreign Studies:
BA (English and Computer Science) (1999)

London 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.



Miss Mi Zhou
Australia

COURSE IN CAMBRIDGE:

PhD in English Literature; Clare Hall College

PREVIOUS UNIVERSITIES:

University of New South Wales:

BA English (2002),

LLB (2002)

INTERESTS:

Human rights advocacy, refugee law, international relations, random debates, good music of any kind, (plays piano and violin), theatre, film, hiking and being under the sky, travelling, and reading in bed.

Arriving April 2005

I'm curious about how representation - through all media, but in particular literature and music - affect the way we look at the world and what that means for the decisions we make. I'm looking forward to having the opportunity to explore the area (or part of it!) in Cambridge in the next three years.

The following Gates Scholars have completed the courses for which they were awarded a scholarship in October of 2001, 2002 and 2003:

Mr Rashad Abbasov, Wolfson College, International Relations; Mr Hisham Abu-Rayya, Wolfson College, Social & Political Sciences; Ms Wendy Adelson, Hughes Hall, International Relations; Mr Harish Agerwal, Churchill College, Engineering & EC Physics; Ms Heather Agnew, Girton College, Chemistry; Mr Michael Anderson, Corpus Christi College, Archaeology; Mr Antonio Alberola Catalan, Inorganic Chemistry, Wolfson College; Mr Shahzad Ansari, St Edmund's College, Management studies; Ms Nushin Arbabzadah, Pembroke College, Oriental Studies; Mr Nathan Arrington, Peterhouse, Classical Archaeology and Archaeological Science; Mr Andrew Ashcroft, Wolfson College, Engineering; Mr Louis Ballezi, Churchill College, Bioscience Enterprise; Mr David Bard, Christ's College, Economics and Development; Ms Linda Barrera, Trinity Hall, Environment & Development; Ms Anna Bayona Font, Girton College, Economics; Ms Nicole Basta, Homerton College, Epidemiology; Ms Amy Bates, Queens' College, Economics; Mr Matthew Baumgart, Trinity College, Mathematics; Mr John Becker, Corpus Christi College, Earth Sciences; Miss Tanya O Beleil, St Edmund's College, Medical Science; Miss Anne L Berry, Wolfson College, Economics; Mr Mohit S Bhende, Trinity Hall, Economics; Mr Daniel Mo Birdwhistell, St Edmund's College, Education; Ms Laura Bradford, Peterhouse, Medieval and Renaissance Literature; Mr Edward Blocher Jr, Trinity Hall, Land Economy; Miss Rachel A Bortnick, King's College, Pharmacology; Mr Ryan Brandeau, Jesus College, Musicology; Ms Angela Breitenbach, King's College, History & Philosophy of Science; Mr Alex Bremner, Gonville & Caius College, History of Art; Mr Peter G Brereton, St Edmund's College, Natural Sciences (Pharmacology); Mr Stijn Broecke, Corpus Christi College, Development Studies; Mr Nicholas Bronn, Churchill College, Mathematics; Ms Esther Bulloch, Christ's College, Chemistry; Mr Joseph Brown, Trinity Hall, Environment & Development; Ms Jessica Bulman, Clare Hall, American Literature; Mr Thomas Buttler, Pembroke College, Chemistry; Miss Fatema Caderbhoy, Jesus College, Law; Mr J R Califf, St Edmund's College, Biological Anthropology; Mr Rodrigo Caputo, Churchill College, Economics; Ms Cyndee Carver, Queens' College, Mathematics; Mr Nilanjan Chakraborty, Trinity College, Engineering; Miss Malavika Chandra, St Edmund's College, Natural Sciences; Mr Daniel Choate, Queens' College, Economics; Miss Amanda M Codd, Trinity College, Biology; Ms Julie Harkness Cooke, Magdalene College, Law; Mr Zachary David Clopton, Clare College, Int. Relations; Mr David Conlon, St John's College, Mathematics; Ms Kathleen Corriveau, Darwin College, Education; Mr Debajyoti Datta, Sidney Sussex College, Biological Science; Mr Joshua Davidson, Darwin College, Computer Science; Mr Eli Diamond, Darwin College, History & Philosophy of Science and Medicine; Miss Kateri Dubay, Peterhouse, Chemistry; Mr Robert Dudas, Robinson College, Psychiatry; Mr Yaacob Dweck, St John's College, Historical Studies; Ms Isil Erol, Downing College, Land Economy; Mr Patricio Feres, Churchill College, Biological Anthropology; Mis L S Fernando, Churchill College, Veterinary Science; Mr Ramon Galinanes Jr, Downing College, Education; Mr Rogelio Galindo III, Downing College, Social & Political Sciences; Mr Axel Gelfert, Wolfson College, History & Philosophy of Science; Mr Michael A Geline, Churchill College, Mathematics; Mr Nathan George, Emmanuel College, Mathematics; Miss Aubrey L Gilbert, Wolfson College, History & Philosophy of Science; Ms Dehn Gilmore, Trinity College, European Literature; Ms Rachel F Giraud, Peterhouse, Archaeology; Mrs Anna Golder, Darwin College, Economics; Mr Chad Golder, Magdalene College, International Relations; Ms Susanna Goldfinger, King's College, Med. & Renaissance Literature; Ms Jessica Grahn, Wolfson College, Brain Repair; Mr Aaron Gruber, Trinity College, BioScience Enterprise; Mr Pierre Guillot, St Edmund's College, Mathematics; Ms Joanna Guldi, Trinity College, Geography; Ms Nilima Gulrajani, Trinity College, Management Studies; Miss Priyanka Gupta, St Edmund's College, Economics; Mr David Haskell, Queens' College, Architecture; Mr Wee Meng Hoe, Gonville & Caius College, Chemistry; Mr Patrice W Hok Chee, Trinity College, Finance; Ms Anne Holden, Peterhouse, Biological Anthropology; Ms S L Hollister, Robinson College, History of Art; Mr Yung-Gi Hong, Wolfson College, Economics; Miss Jennifer Ifft, Trinity Hall, Land Economy; Ms Jennifer Jennings, Hughes Hall, Education; Miss Amy Jones, Christ's College, Engineering; Ms Faye Karababa, Jesus College, Earthquake Preparedness and Sustainable Development; Mr Matyas Karadi, Girton College, Theoretical Physics; Mr Scott Katalenich, Pembroke College, Engineering; Mr Napoleon Katsos, Darwin College, English and Applied Linguistics; Ms Valerie Keller, Clare Hall, European Literature; Mr Jason Kleiwer, St Catharine's, Management Studies; Mr Per Oscar Klevnas, Girton College, Economics and Social History; Mr Andrew Lang, Trinity Hall, Legal Studies; Mr Scott Lee, Trinity

College, Environment and Development; Ms Hilary Levey, Lucy Cavendish College, Modern Society & Global Transformations; Ms Bonny Ling, Trinity Hall, Criminology; Ms Meena S Mallipeddi, Pembroke College, Technology Policy; Mr Peter Manasantivongs, Peterhouse, Linguistics; Miss Ornsaran Manuamorn, Hughes Hall, International Relations; Ms Evi Margaritis, Darwin, Archaeology; Mr Joseph Markson, St Edmund's College, Chemical Biology; Mr Henrique Martins, St Edmund's College, Management Studies; Mr Roman Martinez, Trinity College, International Relations; Mr M G Masters, Hughes Hall, International Relations; Mr Tiago J F Mata, Darwin College, Economics; Mr Kevin Matulef, Churchill College, Mathematics; Ms Katherine Marvel, Trinity, Mathematics; Ms Anna Massiou, King's, Musicology; Mr Christopher Michael, Churchill, Physics; Miss Sanjana Mehta, Fitzwilliam College, Education; Ms Shefali V Mehta, Selwin College, Economics and Development; Mr Sunjay Mishra, King's College, Technology Policy; Mr Josh Morhart, Peterhouse, Classics; Mr Arne Morteani, Wolfson College, Physics; Mr E Msindo, Wolfson College, Historical Studies; Mr Isaac Bajgunivsky, King's College, Political Thought; Mr Dhiraf Nayyar, Trinity College, Development Studies; Mr Mutevu Ngove, Downing College, Computer Science; Mr Elizabeth O'Connor, Clare College, Philosophy; Mr Daithi O'Cruaiaich, Trinity, Mathematics; Mr P J O'Reilly, Corpus Christi College; Ms Rena Patel, Hughes Hall, Modern Society and Global Transformations; Mr Stephen Peppin, Trinity College, Applied Mathematics; Mr Robert Perrons, Fitzwilliam College, Engineering; Mr Dimitrios Petousis, St John's College, Engineering; Ms Darci J Philips, Trinity Hall, BioScience Enterprise; Mr Edoardo Piano, St Edmund's College, Mech. Engineering; Ms Jennifer Piscopo, Darwin College, Latin American Studies; Mr Andrea Pizziconi, Darwin College, Land Economy; Ms Stacy Porter, Trinity College, Economic & Social History; Mr Giovanni Procopio, Churchill College, Mathematics; Ms Rikka Pyysalo, Jesus College, Education; Mr David Quinn, Pembroke College, Engineering; Ms Shaparak Rahimi, Corpus Christi College; Miss Deepa Rajan, Lucy Cavendish College, Mathematics; Mr Kyle Rand, Wolfson College, Mod & Med Languages; Mr Swajit Rath, Girton College, Economics; Mr Jay Reddy, Wolfson College, Oncology; Mr Francis Reid, Corpus Christi College, History & Philosophy of Science; Mr Alessandro Rospigliosi, Selwyn College, Chem. Engineering; Miss Antonia Ruppel, Newnham College, Classics & Comparative Philology; Ms Kristin Rule, Churchill College, Materials Modelling; Ms Oksana Ruzak, St John's College, Engineering; Mr David C Rybicki, Trinity Hall, European Literature; Mrs Claudia Sanhueza Riveros, Churchill College, Economics; Mr Ronald Scalise, Trinity College, Law; Ms Sandra Scanlon, Peterhouse, History; Ms Bridgitte Schaffer, Girton College, Anglo Saxon, Norse & Celtic; Miss Birke-Siri Scherf, Gonville & Caius College, History of Art; Mr Alan Schoenfeld, Clare Hall, Education; Mr Jonathan Schoenfeld, Churchill College, Biological Science; Mr Joel Schumacher, Darwin College, International Relations; Mr Lane O B Schwartz, Churchill College, Computer Speech Text & Information Technology; Ms Bedra Sharif, Lucy Cavendish College, Genetics; Miss Albina Shayevich, King's College, Social & Pol. Sciences; Mr Aninda Sinha, Gonville & Caius College, Theoretical Physics; Mr Jay Silver, Churchill College, Computer Speech Text & Information Technology; Mr Khe Chai Sim, Churchill College, Computer Speech Text & Information Technology; Miss Wilatuluk Sinswat, St John's College, Land Economy; Mr N I Slywka, Pembroke College, English Studies; Mr Bartlomiej M J Szewczyk, Trinity Hall, International Relations; Mr B Thomas, Christ's College, Criminological Research; Ms Susanna Throop, Trinity Hall, History; Mr Arasanathan Thayanathan, Jesus College, Engineering; Ms Olga Tribulato, Pembroke College, Classics; Mr Petri Tuomola, Queens' College, Finance; Mr Peterjan Van Nieuwenhuizen, Pembroke College, Mathematics; Mr Matthew D Varilek, Queens' College, Environment and Development; Miss Marissa Wagner, Hughes Hall, Biological Science; Ms Cara Wall, St Edmund's College, Biological Anthropology; Mr Darragh Walsh, St John's College, Mathematics; Mr Patrice Wan Hok Chee, Trinity College, Finance; Mr Jeremiah Wathen, Peterhouse, Physics; Mr W Weymans, Gonville & Caius College, Political Thought and Intellectual History; Mr Greg Williams, Churchill College, Chemistry; Mr Joel S Willis, Darwin College, Criminology; Ms Melanie Wood, Trinity College, Mathematics; Ms Ju-Huei (Steffi) Yang, Trinity College, Economics; Mr David Zipper, Queens' College, Planning, Growth & Regeneration; Mr Benjamin Isaac Zweibel, Churchill College, Mathematics.

Countries of origin of current holders of Gates Cambridge Scholarships:

Algeria	2	Jordan	1
Argentina	1	Kazakhstan	1
Australia	10	Lesotho	1
Austria	2	Malaysia	2
Belgium	3	Mexico	3
Brazil	2	Namibia	1
Bulgaria	1	Nepal	1
Canada	7	Netherlands	1
Chile	1	New Zealand	7
China	14	Nigeria	1
Colombia	1	Pakistan	2
Croatia	1	Philippines	1
Cyprus	2	Poland	1
Czech Rep.	1	Romania	2
Denmark	1	Russia	2
Ecuador	1	Singapore	2
Estonia	1	South Africa	6
Ethopia	1	Spain	1
France	2	Sri Lanka	4
Germany	21	Sudan	1
Ghana	2	Sweden	3
Greece	6	Switzerland	1
Hong Kong	1	Thailand	1
Hungary	2	Turkey	2
Israel	1	Ukraine	1
India	14	USA	78
Iran	1	Vietnam	1
Ireland	7	Yugoslavia	1
Italy	6	Zambia	1

Deferrals

Ms Abigail Wild, USA, attending Pembroke to do PhD/MPhil Criminological Research
 Ms Mary Fan, USA, attending Downing to do PhD/MPhil Social Anthropology
 Mr Charles B Chang, South Korea, attending Trinity, to do MPhil Linguistics



Gates Cambridge Trust
Gates Cambridge Scholars 2004

© 2004 Gates Cambridge Trust

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or means, without the prior permission in writing of the copyright holder.

Designed and printed by Cambridge Printing, the printing business of Cambridge University Press. www.cambridgeprinting.org