

Gates Cambridge Trust

Gates Cambridge Scholars 2005



UNIVERSITY OF
CAMBRIDGE

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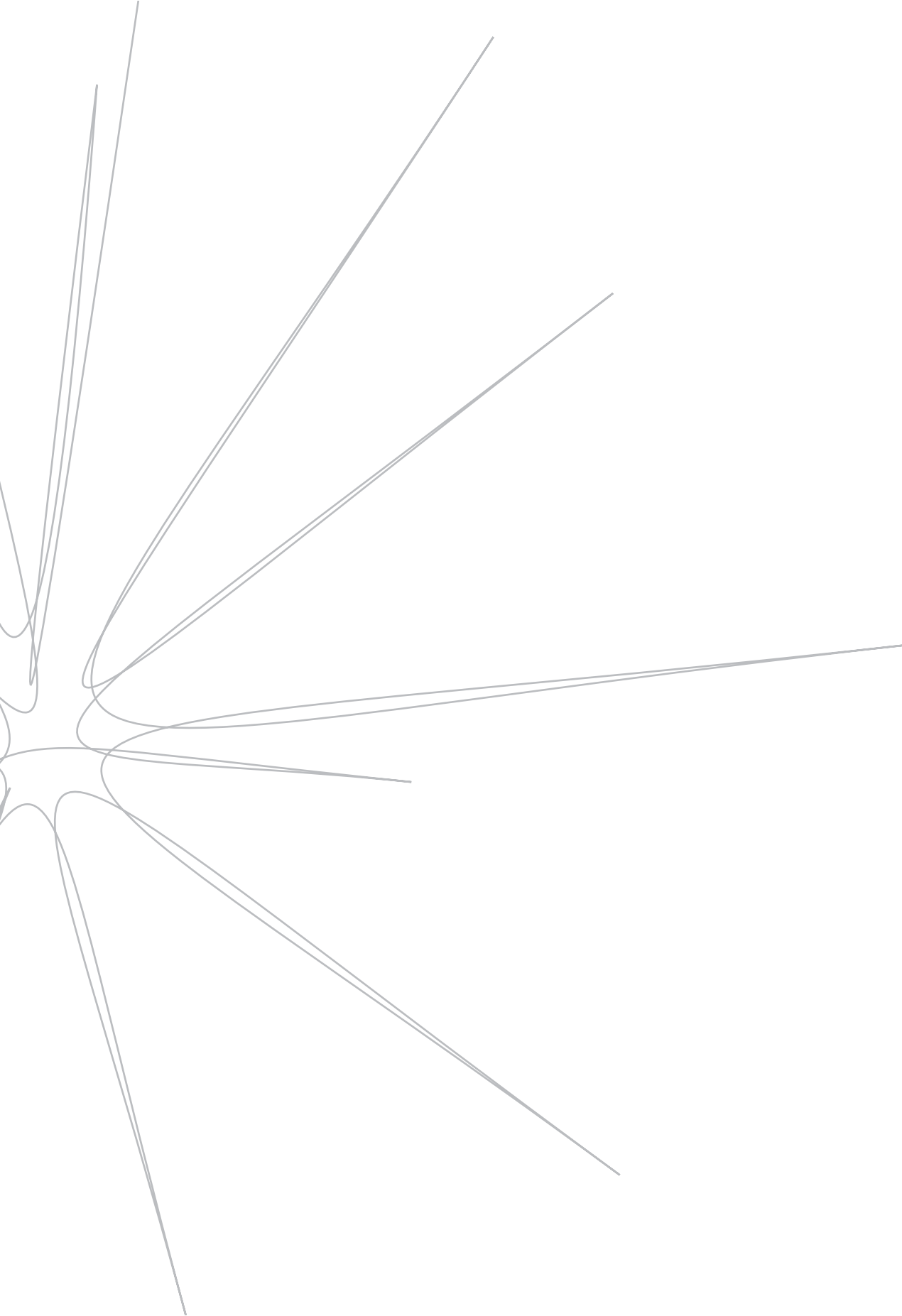
Scholars are listed alphabetically by name within their year-group. The list includes current Scholars, although a few will start their course in January or April 2006 or later.

Several students listed here may be spending all or part of the academic year 2005-06 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 2006 a post-graduate certificate or Master's degree, or similar qualification, before being allowed by the University to proceed with doctoral studies.

Contents

Gates Cambridge Trust: Trustees	5
Gates Cambridge Trust: Officers	5
Scholars in Residence 2005 by year of award	
2001	8
2002	8
2003	10
2004	22
2005	35
Countries of origin of current Scholars	60
Scholars remaining in residence in Cambridge during 2005-06	60
Scholars who have completed the courses for which they were awarded a scholarship	61
Gates Scholars' Society: Officers of the Council	63
Gates Scholars' Society: New Officers of the Council 2005-06	63
Gates Scholars' Society: Alumni Association	64



Professor Alison Richard, MA PhD
The Vice-Chancellor



**UNIVERSITY OF
CAMBRIDGE**

Vice-Chancellor's Office

It is my great pleasure as Vice Chancellor and as Chair of the Gates Cambridge Trust to welcome the fifth cohort of Gates Scholars to Cambridge.

The Trustees are delighted to have made 99 new scholarship awards to students beginning courses in Cambridge this October. The Trustees seek out students with the capacity for leadership, intellectual ability, and desire to use their knowledge to contribute to the well-being of society. Our efforts to extend the geographical reach of the programme have been rewarded this year with Scholars coming for the first time from Bhutan, Cameroon, Lebanon, Peru and Syria.

Gates Cambridge Scholars participate fully in the life of the University and its Colleges while forming also their own distinctive community. They contribute to the intellectual life of Cambridge and have a significant impact on the social and cultural activities of our graduate students. In the past academic year, Gates scholars have organized a successful series of lectures given by distinguished people from outside as well as from within Cambridge, and they have held research colloquia and informal workshops enabling graduate students to talk about their research.

The first Gates Scholars arrived in Cambridge in 2001. Since then 526 students from 72 countries have been awarded scholarships and nearly 300 have completed their studies. When they graduate, Gates Scholars join an alumni association which is part of the University's influential international network, bringing vision and new ideas to improving the lives of citizens throughout the world and working to overcome social and economic injustice. In this way, the Scholarships bring to fruition the wider purposes of the University and of the Bill & Melinda Gates Foundation.

A handwritten signature in black ink that reads "Alison Richard".

Alison Richard
Vice Chancellor and Chairman of the Gates Cambridge Trust

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Gates Cambridge Trust: Trustees



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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 Anil Seal
Fellow of Trinity College, Cambridge (Director)



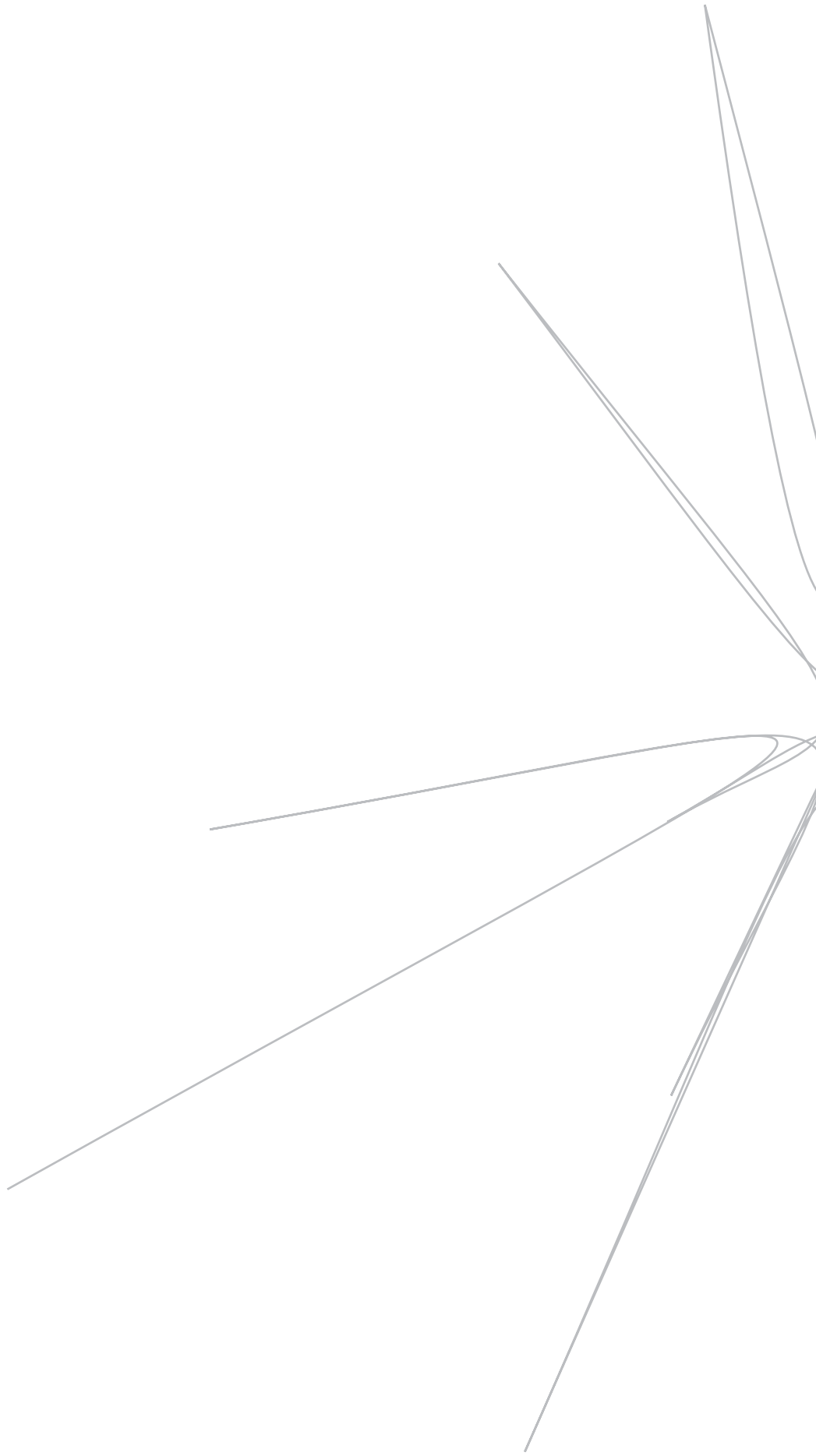
Mr James Smith
(Executive Officer)



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



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





Gates Cambridge Trust:
The Scholars 2005

2001–02



Mrs Nandini Chatterjee

India

COURSE IN CAMBRIDGE:

PhD in History; St. Catharine's College

PREVIOUS UNIVERSITIES:

University of Amsterdam, short course, 2001
Jawaharlal Nehru University, New Delhi,
M.A. & M.Phil., 1997-2001
Jadavpur University, Calcutta, B.A. 1994-97

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.

2002–03



Mr Andreas Bender

Germany

COURSE IN CAMBRIDGE:

PhD in Chemistry; Darwin College

PREVIOUS UNIVERSITIES:

Goethe-University Frankfurt, Germany
Trinity College Dublin, Ireland
University of Technology Berlin, Germany

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 Marvin Braun

Canada

COURSE IN CAMBRIDGE:

PhD in Zoology; Sidney Sussex

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 Mun-Kit Choy

Malaysia

COURSE IN CAMBRIDGE:

PhD in Plant Sciences; Clare Hall

PREVIOUS UNIVERSITIES:

University of Malaya, Malaysia
B.Sc., M.Med.Sc.

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

one of the HLA genes. In my PhD project, I am looking at the role of chloroplast protein synthesis in regulating the expression of nuclear genes encoding photosynthesis proteins.

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.

2002–03



Miss Kate Franko

United States

COURSE IN CAMBRIDGE:

PhD in Physiology; Wolfson College

PREVIOUS UNIVERSITIES:

Cornell University, BS Biological Sciences

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.

INTERESTS:

Travel, drawing, gliding, rowing.



Mr Michael Gardner

South Africa

COURSE IN CAMBRIDGE:

PhD in Plant Sciences; Corpus Christi

PREVIOUS UNIVERSITIES:

University of Cape Town

University of Natal (Pmb)

My goals are to complete my PhD, and to pursue research that promotes real improvement in the lives of individuals. I am particularly keen to contribute to an understanding of plant biology so that we can develop ways of managing factors that affect human development without

impacting on our environment. I hope to use my qualifications to teach and help where I can.

INTERESTS:

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



Mr Max Gwiazda

Germany

COURSE IN CAMBRIDGE:

PhD in History & Philosophy of Architecture; Pembroke College

PREVIOUS UNIVERSITIES:

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

My research seeks to interpret the meaning and function of monastic architecture in relation to the culture of the High Middle Ages. I focus on the Cistercians, an order which, in many respects, stood at the cross-roads of the cultural transformations of Western Europe in the twelfth and thirteenth century. Though ultimately orientated to world-renunciation, monastic reform movements always responded to, and in turn influenced, changes occurring at the heart of medieval society. Monasticism's creative capacity for

continuous architectural re-definition mirrored this dialectical participation in a wider metabolism. On both practical and symbolic levels architecture offered ways of structuring the conditions under which the monastery could interact meaningfully with the world from which it was withdrawing. My historical investigations aim to reveal dimensions of architecture, which might provoke general re-considerations of the role of architecture and representation in culture.

INTERESTS

Urbanism, basketball and film.



Mr Richard Payne

New Zealand

COURSE IN CAMBRIDGE:

PhDPg in 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.

2002–03



**Mr Moncef
Tanfour**

Algeria

COURSE IN CAMBRIDGE:

PhD in Engineering; St John's

PREVIOUS UNIVERSITIES:

Imperial College London (United Kingdom)
UNITECH International Society (Switzerland)
Delft University of Technology (Netherlands)

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.



**Mr Rochana
Wickramasinghe**

Australia

COURSE IN CAMBRIDGE:

PhD in Oncology; Trinity College

PREVIOUS UNIVERSITIES:

University of Melbourne, Australia

My PhD is focussed on developing new tools to study the biology of proteins integral to cancer metastasis. More specifically, I am using peptide aptamers that bind to the matrix metalloproteinase MT1-MMP, that is over-expressed in many cancers, to try to discover novel

functions of MT1-MMP. I am also interested in other aspects of science, namely science journalism, and in using the skills I have acquired during my PhD in other disciplines.

INTERESTS:

Tennis.

2003–04



**Mr Wale
Adebani**

Nigeria

COURSE IN CAMBRIDGE:

PhDMP in Social Anthropology; Trinity Hall

PREVIOUS UNIVERSITIES:

University of Lagos, Nigeria
University of Ibadan, Nigeria

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 liveable

INTERESTS:

Football, Poetry and Movies.



**Dr P M
Athauda-
Arachchi**

Sri Lanka

COURSE IN CAMBRIDGE:

PhD in Brain Repair; 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!

2003–04



Ms Elizabeth Beiswenger

United States

COURSE IN CAMBRIDGE:

PhD in Polar Studies; Jesus College

PREVIOUS UNIVERSITIES:

Vassar College

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 Mihai Brezeanu

Romania

COURSE IN CAMBRIDGE:

PhD in Engineering; Churchill College

PREVIOUS UNIVERSITIES:

Politehnica Univ. in Bucharest, Romania

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 Rongjun Chen

China

COURSE IN CAMBRIDGE:

PhDPg in Chemical Engineering; Clare Hall

PREVIOUS UNIVERSITIES:

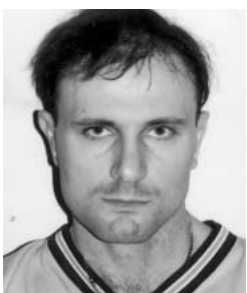
Tsinghua University, Beijing
Beijing Technology and Business University

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:

PhDPg in Legal Studies; Pembroke College

PREVIOUS UNIVERSITIES:

University of New South Wales: Bachelor of Commerce (1991)

University of Sydney: LLB (1999), LLM (2003)

My research concerns international law and the use of force. This is a branch of law where regulatory efforts often collide with the demands of realpolitik. Decisions to undertake military action generate complex debates about the relative importance of peace, security, human rights, and national sovereignty (by no means an exhaustive

list!). Although there is general agreement on the law's core content, the scope of certain rules and the extent to which they are 'evolving' remain controversial topics. The award of a Gates Scholarship to pursue further studies at Cambridge has enabled me to work under the supervision of a world-renowned expert on this subject, for which I am most grateful. On completion of the PhD, I would like to work as a researcher for one of the NGOs active in this area, or perhaps teach.

INTERESTS:

International relations theory, ancient history, soccer, and wandering around the Fitzwilliam Museum.

2003–04



Mr Aidan Craig
United States

COURSE IN CAMBRIDGE:
PhD in 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.



Ms Sarah Dry
United States

COURSE IN CAMBRIDGE:
PhD in History of Science; St. John's College

PREVIOUS UNIVERSITIES:
Imperial College, London
Harvard University

My dissertation is on safety and scientific expertise in mid-Victorian Britain, with a focus on railway accidents, shipwrecks and the weather. I plan to put my doctoral training to use as a writer of popular science books.

INTERESTS:

Bicycling cooking travel reading.



Mr Friedel Epple
Germany

COURSE IN CAMBRIDGE:
PhD in Theoretical Physics; Clare Hall

PREVIOUS UNIVERSITIES:
Humboldt University Berlin
Heidelberg University
Cambridge University

I plan towards an academic career in theoretical physics. Cambridge is a great place to learn and live in and I am looking forward to coming here once again. The Gates Scholarship makes it possible for me to study in this inspiring environment and it will provide me with many interesting contacts.

INTERESTS:

Cycling, hiking, travel, films and literature.



Miss Michelle Gentile
United States

COURSE IN CAMBRIDGE:
PhD in 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.

2003–04



Mr Paul Goulart
United States

COURSE IN CAMBRIDGE:
PhD in Engineering; Churchill College

PREVIOUS UNIVERSITIES:
MIT

My research interests are in robust control of constrained systems, with applications in aerospace, economics, and networked systems.

INTERESTS:
Travel, cooking, baseball.



Miss Vanessa Elisa Grotti
Italy

COURSE IN CAMBRIDGE:
PhD in Social Anthropology; Trinity College

PREVIOUS UNIVERSITIES:
Cambridge (MPhil)
Oxford University
Paris 1

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.



Miss Anne Holden
United States

COURSE IN CAMBRIDGE:
PhD in Biological Anth; 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.



Ms Katja Jantos
Germany

COURSE IN CAMBRIDGE:
PhD in 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.

2003–04



Mr Joel P. Jennings
United States

COURSE IN CAMBRIDGE:
PhD in Geography; Wolfson College

PREVIOUS UNIVERSITIES:
San Diego State M.A., B.A. (hons) in Geography

Immigration and trans-national processes challenge traditional thinking about personal identity, work, and cultural belonging. My goal is to develop a deeper critical understanding of changing immigration flows between Latin America and the United States. I am particularly

interested in the ways that citizenship and transnational practices change at various geographic scales (i.e. household, regional, national).

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 history with the game of volleyball and enjoy ocean sports including scuba diving, sailing and body surfing.



Mr Benedikt Mandl
Austria

COURSE IN CAMBRIDGE:
PhD in Zoology; King's College

PREVIOUS UNIVERSITIES:
Salzburg University (Austria)
Bowling Green State University (US)

The core unit of the cellular network that allows a fruitfly to move consists of an anchored muscle and a neuron controlling its contraction. This beautifully simple unit is repeated and arranged into a complex pattern. My research aims to

study the mechanisms that underlie the evolution and diversification of this network to achieve a better understanding of neuromuscular development. In addition to my research, I am interested in the public perception of science and in science communication.

INTERESTS:

Photography, illustration, and webdesign; media and science communication; I enjoy art, history, literature and cooking; travelling.



Mrs Aditi Mukherji
India

COURSE IN CAMBRIDGE:
PhD in 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
United States

COURSE IN CAMBRIDGE:
PhD in Experimental Psychology; Trinity College

PREVIOUS UNIVERSITIES:
Harvard University
AB Magna cum laude with highest honors, June 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.

2003–04



**Mr Shishir
Nagaraja**

India

COURSE IN CAMBRIDGE:

PhD in Computer Security; St. John's College

PREVIOUS UNIVERSITIES:

Bangalore University -PES Institute of Technology

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:

Photography, Volcanoes, Canines, politics, criminology, sociology, social movements. Sports – I play Tennis, do resistance training, and run medium distance once a week. I play the sitar, and learn hindustani music.



**Mr Ramanan
Navaratnam**

Sri Lanka

COURSE IN CAMBRIDGE:

PhD in Engineering; Trinity College

PREVIOUS UNIVERSITIES:

University of Oxford

The area of my research is 'Computer Vision' – a field that is expected to expand and make great strides in near future. This has many useful applications in a variety of fields such as security and surveillance, animation for movies and games and medical imaging. 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've participated in badminton, football (soccer), 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**

Vietnam

COURSE IN CAMBRIDGE:

PhD in Chemical Engineering/Physics; Fitzwilliam College

PREVIOUS UNIVERSITIES:

BEng (Chem.), University of Adelaide, Australia, 2003

I wish to become a research engineer in industry working at the interface of sciences and engineering. I also desire to be a lecturer at a later stage of my career to pass on what I have learnt to future engineers.

INTERESTS:

Taekwondo, French language, Vietnamese poetry.



**Mr Shiladitya
Paul**

India

COURSE IN CAMBRIDGE:

PhD in Materials Science & Metallurgy; St Edmund's College

PREVIOUS UNIVERSITIES:

Indian Institute of Technology Kanpur, India
University of Calcutta, India

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:

Rabindrasangeet, Rai; Salsa dancing, Bachata, Ballroom & Latin; Cricket, Volleyball, Football, Badminton, Pool, Swimming; Painting, origami, Short poems.

2003–04



Miss D S Pino Pasternak

Chile

COURSE IN CAMBRIDGE:

PhD in Education; Darwin College

PREVIOUS UNIVERSITIES:

Universidad Metropolitana de Ciencias de la Educación: 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.



Mr Alexander Plekhanov

Russia

COURSE IN CAMBRIDGE:

PhD in Economics; Gonville & Caius College

PREVIOUS UNIVERSITIES:

University of Cambridge, MPhil, 2002–2003
St.Petersburg State University, Diplom, 1997–2002.

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.



Mr John Prendergast

Ireland

COURSE IN CAMBRIDGE:

PhD Aeroelasticity; Wolfson College

PREVIOUS UNIVERSITIES:

University College Dublin, Ireland: BE

My research studies the action of wind flow on flexible structures. When such structures can deflect in response to wind forces, the flow around them is modified, altering the force and creating an interaction effect. As modern structures such as bridges and towers become increasingly slender and flexible it is

important to be able to accurately model this effect in order to be able to predict the extent of structural movement or any instability that may occur. I am tremendously grateful to the Gates Trust for giving me the opportunity to carry out this research in Cambridge.

INTERESTS:

Sports, anything outdoors, music, dessert.

2003–04



Miss Mahnaz Rezaeian

Iran

COURSE IN CAMBRIDGE:

PhD in Geology; Churchill College

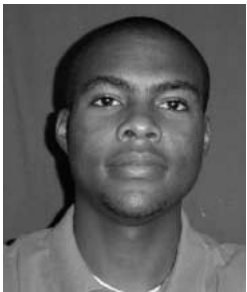
PREVIOUS UNIVERSITIES:

Shahid Beheshti University, Tehran, Iran.

An exceptional turning point in my career came when I was chosen by Gates Thrust as a researcher student in Cambridge in 2003. Actually, my dream to study the best liked topic, work with one of the most qualified people in my field of study and follow my scientific ambition came to true! Having spent two years in Cambridge was a valuable experience and great opportunity for me that brought me more responsibilities and new horizons in my life.

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.



Mr Robert Clay Rivers

United States

COURSE IN CAMBRIDGE:

PhDPg in Chemistry; Clare College

PREVIOUS UNIVERSITIES:

Kentucky State University

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.



Miss Ana Rossi

Argentina

COURSE IN CAMBRIDGE:

PhDPg in Pharmacology; Wolfson College

PREVIOUS UNIVERSITIES:

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).



Mr Jost Schatzmann

Germany

COURSE IN CAMBRIDGE:

PhD in Engineering; Darwin College

PREVIOUS UNIVERSITIES:

Imperial College London
Cambridge University

My PhD is on statistical approaches to spoken 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.

2003–04



Mr J P Smit
South Africa

COURSE IN CAMBRIDGE:

PhD in 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).



Mr Asbjorn Steglich-Petersen
Denmark

COURSE IN CAMBRIDGE:

PhD in Philosophy; Darwin College

PREVIOUS UNIVERSITIES:

University of Aarhus, Denmark
UC Berkeley, USA

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 Su-Yin Tan
Canada

COURSE IN CAMBRIDGE:

PhD in Geography; Wolfson College

PREVIOUS UNIVERSITIES:

Boston University (USA), MA
University of Guelph (Canada), BSc

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.

2003–04



Miss Mamta Thangaraj

India

COURSE IN CAMBRIDGE:

PhD in Semiconductor Physics; Wolfson College

PREVIOUS UNIVERSITIES:

Manonmaniam University – India

Being an inquisitive and probing child, I've found a soul mate in Science which answers to a great extent all my 'whys' 'hows' and 'whens', while still leaving a few mysteries for me to fathom. I know not what my tomorrow holds. All I am sure of is that I will always try to be true to my heart. I would also want to share my life's experiences for it would be criminal to let it gather dust when it could benefit others, be it through teaching or research. An active person, bubbling with enthusiasm, I cannot bear to be idle and so I throw myself into one activity after another. I revel being with people and having stimulating discussions and also enjoy travelling, trekking, charcoal drawing, photography and cooking sessions with friends. Being an ardent nature lover, walks and rowing in the early morning on the river Cam have become tradition. Reading is my passion...books have always and still continue to be my trusted

and sustaining friends. The sheer wealth of knowledge never ceases to astound me. But, that doesn't stop me from being a serious movie buff! If I had one grouse, it would be the short span of human life.

"I am part of all that I have met; Yet all experience is an arch where through gleams that untravelled world, whose margin fades For ever and for ever when I move.....Life piled on life Were all to little".

I always want to explore and experience new things. I try to learn something new every day, however trivial it may be. This unquenchable thirst to learn and better myself has had me doing things like rowing, salsa, ball room dancing, learning a new language, toying with origami, trying out my vocal chords for the choir...the list seems endless. So I've promised myself that I'd be a Jack of all trade but master of none which seems to contradict the fact that I am a stickler for perfection and expect high standards from myself. This only goes to say, that I have to do a kind of balancing act. Life is a beautiful compromise...



Ms Anke Timmermann

Germany

COURSE IN CAMBRIDGE:

PhD in History & Philosophy of Science; Robinson College

PREVIOUS UNIVERSITIES:

University of Glasgow
University of Heidelberg
Trinity College Dublin

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 an 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.



Ms Deepti Trivedi

India

COURSE IN CAMBRIDGE:

PhD in Molecular Genetics; 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 peripheral 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.

2003–04



**Miss Nicole
van der Laak**

New Zealand

COURSE IN CAMBRIDGE:

PhD in Materials Science; Clare Hall

PREVIOUS UNIVERSITIES:

University of Auckland

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.



Miss Julia Wolf

Germany

COURSE IN CAMBRIDGE:

PhD in Mathematics; Clare College

PREVIOUS UNIVERSITIES:

University of Cambridge

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.



**Ms Tatyana
Yakovleva**

United States

COURSE IN CAMBRIDGE:

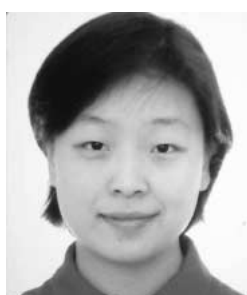
PhD in Biochemistry; Churchill College

PREVIOUS UNIVERSITIES:

Boston College

INTERESTS:

Singing, theatre and all things Russian.



**Ms Zhongqiang
Yang**

China

COURSE IN CAMBRIDGE:

PhD in 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 consumed 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.

2003–04



Ms Margaret Young

Australia

COURSE IN CAMBRIDGE:

PhD in 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.



Ms Jana Zaumseil

Germany

COURSE IN CAMBRIDGE:

PhD in Physics; St. John's College

PREVIOUS UNIVERSITIES:

University of Leipzig

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, Yoga, Badminton, Opera.



Ms Ning Zhang

China

COURSE IN CAMBRIDGE:

PhD in Physics; Selwyn College

PREVIOUS UNIVERSITIES:

Beijing University of Technology

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.

2004–05



Mr Ryan Prescott Adams

United States

COURSE IN CAMBRIDGE:

PhD in Physics; St. John's College

PREVIOUS UNIVERSITIES:

MIT

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.

2004–05



Ms Sarah Alexander

Ireland

COURSE IN CAMBRIDGE:

MPhil in Classics; St John's College

PREVIOUS UNIVERSITIES:

Trinity College, Dublin

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.



Ms Laura Elizabeth Allan

Germany

COURSE IN CAMBRIDGE:

PhD in Molecular Signalling/Neuroscience; Queens' College

PREVIOUS UNIVERSITIES:

University of Newcastle upon Tyne
BSc Hons (Pharmacology) 2004

I am investigating the role of β -amyloid precursor protein derived peptides in the pathological mechanism of Alzheimer's Disease (AD). It has been predicted that in 50 years time there will be as many as 100 million AD sufferers worldwide. This translates into severe strain on medical,

monetary and human resources. I would like to make a contribution towards acquiring a clearer understanding of AD thus advancing the search for treatments which will halt its progression or indeed effect a cure.

INTERESTS:

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



Ms Yanna Antypas

Greece

COURSE IN CAMBRIDGE:

PhD in Materials Science & Metallurgy; Queens' College

PREVIOUS UNIVERSITIES:

University of Cambridge (B.A. and M.Sci.)

Yanna holds a B.A. and M.Sci. from the University of Cambridge. She graduated from Newnham in June 2004 and is now a PhD student at Queens', working in the Electron Microscopy Group (Department of Materials Science & Metallurgy). Her research seeks to develop novel theoretical approaches for magnetic induction

mapping in the transmission electron microscope. This work will allow the nano-scale reconstruction of both internal and external magnetic fields in technologically important materials.

INTERESTS:

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



Ms Penelope Bond

New Zealand

COURSE IN CAMBRIDGE:

PhD in Land Economy; Fitzwilliam College

PREVIOUS UNIVERSITIES:

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...

2004–05



Mr Charles Chang
United States

COURSE IN CAMBRIDGE:

MPhil in English and Applied Linguistics;
St John's College (deferred from October 2004 to October 2005)

PREVIOUS UNIVERSITIES:

University of California, Berkeley
Harvard University

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This year I am taking a brief break from my PhD in linguistics at Berkeley to study at the Research Centre for English and Applied Linguistics here. My research interests generally lie in phonetics and phonology (the sounds of language and the systems into which they are organized),

second language acquisition, and the sociology and psychology of language. I look forward to meeting you all!

INTERESTS:

Linguistics, languages, music, clarinet, whistling, tennis, gymnastics, figure skating, badminton, education policy, public service.



Ms Sook May Ivy Chia
Singapore

COURSE IN CAMBRIDGE:

PhD in Education; Homerton College

PREVIOUS UNIVERSITIES:

University of London (Institute of Education)
University of Auckland (New Zealand)
Nanyang Tec Univ (National Institute of Education)

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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.

INTERESTS:

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



Ms Claire Clement
United States

COURSE IN CAMBRIDGE:

MPhil & PhD in Medieval History; St John's College

PREVIOUS UNIVERSITIES:

University of California, Riverside
University of California, Santa Cruz

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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 the economies of convents 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:

Creative writing, theology, walking/hiking, travel, languages, politics, music, art.



Miss Caroline Dingle
United States

COURSE IN CAMBRIDGE:

PhD in Zoology; St. John's College

PREVIOUS UNIVERSITIES:

San Francisco State University (MA Biology 2004)
University of California Santa Cruz (BA Biology)
School for International Training
Wesleyan University

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My PhD research at Cambridge will integrate genetic, morphological and behavioural 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. To this end, I plan to continue work that I have started with scientists and conservationists in Ecuador to improve scientific training in developing countries.

INTERESTS:

Chasing birds around South American jungles, backpacking, Hatching, open water swimming, evolution, birds, mountains, natural history.

2004–05



Ms L M Du Bouchet

France

COURSE IN CAMBRIDGE:

PhD in International Relations; Trinity College

PREVIOUS UNIVERSITIES:

Ecole Normale Supérieure, Paris, University of Paris X-Nanterre: Licence (3rd year degree maitrise);

l'Institut d'Études 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.



Mr Mohammed El-Shafie

Sudan

COURSE IN CAMBRIDGE:

PhD in Geotechnical Engineering; Hughes Hall

PREVIOUS UNIVERSITIES:

MPhil, University of Cambridge, UK

B.Sc, University of Khartoum, Sudan

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.



Miss Mary Fan

United States

COURSE IN CAMBRIDGE:

MPhil in Social Anthropological Analysis; Downing College (deferred to October 2006)

PREVIOUS UNIVERSITIES:

University of Arizona/Yale Law School

by which crystalline nanoparticles form. I'm using the opportunity of being based in the UK to gain international experience and to meet experts before returning to South Africa to work in a university there on nanoscience.

INTERESTS:

Programming, computer gaming, extreme chemistry, current affairs (with an emphasis on scientific literature), sketching, tennis and squash. And since being here cooking, punting and touring cycling can be added to that list.



Mr Paul Franklyn

South Africa

COURSE IN CAMBRIDGE:

PhD in Chemistry; Darwin College

PREVIOUS UNIVERSITIES:

University of the Witwatersrand (MSc Chem)

University of the Witwatersrand (BSc Hons Chem)

University of the Witwatersrand (BSc Chem, Phys)

I have always been driven by scientific curiosity. Cambridge has the resources to allow me to carry out science for the sake of science with no direct industrial application. My focus is the crystal structure of nanoparticles and in determining and explaining the mechanism

2004–05



**Ms Karuna
Ganesh**

India

COURSE IN CAMBRIDGE:

MBBChir/PhD in Clinical Medicine;
Fitzwilliam College

PREVIOUS UNIVERSITIES:

Cambridge University BA (Hons.) Biochemistry

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.

INTERESTS:

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



**Mr Seth Daniel
Goldstein**

United States

COURSE IN CAMBRIDGE:

MSc in Medicinal Chemistry; Emmanuel College

PREVIOUS UNIVERSITIES:

North Carolina State University

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

COURSE IN CAMBRIDGE:

PhD in 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 Simon
Grote**

United States

COURSE IN CAMBRIDGE:

PhDMP in Political Thought and Intellectual History;
Gonville & Caius College

PREVIOUS UNIVERSITIES:

University of California, Berkeley
Harvard University

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.

2004–05



Mr Douglas Guilfoyle

Australia

COURSE IN CAMBRIDGE:

PhD in International Law; Trinity Hall

PREVIOUS UNIVERSITIES:

Australian National University

I 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. My PhD research is on stopping, searching and seizing international shipping in order to regulate activities such as drug smuggling, WMD trafficking and the management of fisheries.

INTERESTS:

Drama, debating, travel, reading and writing.



Mr Gregory Hughes

United States

COURSE IN CAMBRIDGE:

PhD in Computer Science; St. Edmund's College

PREVIOUS UNIVERSITIES:

University of Rhode Island

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.



Miss 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.



Mr Eric Jensen

United States

COURSE IN CAMBRIDGE:

PhD in Sociology (Centre for Family Research);
Homerton College

PREVIOUS UNIVERSITIES:

Portland State University
Clark College

My PhD research will be a comparative study of the policymaking process for the issue of therapeutic cloning (i.e., stem cells) in the US and UK. Though these nations have similar legislative systems for deliberating over science policy, they each came to sharply different conclusions about what the right course of action was

for this issue. Following the PhD, I hope to get into advising and/or analyzing public policy. I would ultimately like to go into elected politics directly.

INTERESTS:

Political news, wine, The Sopranos.

2004–05



**Dr Anand
Devaprasath
Jeyasekharan**
India

COURSE IN CAMBRIDGE:

PhD in Oncology; Gonville and Caius College

PREVIOUS UNIVERSITIES:

MBBS – Christian Medical College, Vellore (2002)

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). My PhD at the Cancer Cell

Unit 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, Epidemiology, Formula 1, Astronomy.



Miss Yinglin Ji
China

COURSE IN CAMBRIDGE:

PhD in English and Applied Linguistics; Trinity Hall

PREVIOUS UNIVERSITIES:

Peking (Beijing) University MA (English)

Ocean University of China BA (English)

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.



**Ms Angeliki
Kehagia**
Greece

COURSE IN CAMBRIDGE:

PhD in Experimental Psychology; Downing College

PREVIOUS UNIVERSITIES:

Oxford University, Balliol College

My work focuses on internally and externally driven behaviour, as a means of pinpointing the cognitive-neural mechanisms underlying willed action and our conscious experience of it. What constitutes an effective cue to act? Are internal cues (the “will”) as potent as external signals? How might consciousness and motivation modulate this potency?

How “free” is our will? I hope to elucidate some of these issues with the use of behavioural measures and neuroimaging techniques such as fMRI.



**Mr Steven D.
Kreeger**
United States

COURSE IN CAMBRIDGE:

PhD in International Studies; Peterhouse

PREVIOUS UNIVERSITIES:

United States Military Academy

Having finished a MPhil in International Studies, I hope to expand that research during this final year of study before returning to the U.S. Army. My PhD will focus on how the role of junior officers in combat has changed because of counterinsurgency warfare. More specifically, my research – interview and survey based – will explore how junior

officers are reacting to the new political/diplomatic requirements delegated to them, and what that means for future civil-military relations.

INTERESTS:

Military Ethics and the Military Professionalism, American Politics, Team Sports, World Cup Soccer, Cooking, Board Games, and Fiction Novels.

2004–05



Dr Joseph Lim
Philippines

COURSE IN CAMBRIDGE:
PhD in Pharmacology; Selwyn College

PREVIOUS UNIVERSITIES:
University of Western Australia (MLM)
DLSU-Medical Center (Pathology Residency)
De La Salle University (MD)
University of the Philippines (BS)

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, films, tennis, and cooking.



Miss Ming Yeong Lim
Malaysia

COURSE IN CAMBRIDGE:
MB BChir in Clinical Studies; Magdalene College

PREVIOUS UNIVERSITIES:
Magdalene College, Cambridge University

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 Yu Liu
China

COURSE IN CAMBRIDGE:
PhD in Engineering; Sidney Sussex College

PREVIOUS UNIVERSITIES:
Beijing University of Aeronautics & Astronautics:
Msc in Aerospace Engineering
Beijing University of Aeronautics & Astronautics:
BSc in Aerospace Engineering

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.



Miss Ella McPherson
United States

COURSE IN CAMBRIDGE:
PhD in Social and Political Sciences;
Pembroke College

PREVIOUS UNIVERSITIES:
Cambridge Uni., MPhil, Latin American Studies
Princeton Uni., BA, Woodrow Wilson School

My PhD is on the factors affecting how the Mexican press covers human rights violations.

INTERESTS:
Documentary photography, train travel, ebay.

2004–05



**Miss Maja
Milicevic**
Yugoslavia

COURSE IN CAMBRIDGE:

PhD in 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

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 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.



**Ms Rita
Monson**
Canada

COURSE IN CAMBRIDGE:

PhD in Biochemistry; Gonville & Caius College

PREVIOUS UNIVERSITIES:

Massachusetts Institute of Technology

Until recently, scientists assumed that single celled organisms acted on their own. My research focuses on the growing field of quorum sensing and how bacteria communicate with each other. In a larger context I am interested in discussing questions of ethics in science, medicine and what diseases we choose to invest

resources in. I am trying to understand how governments and independent funding bodies choose to invest money in certain fields and how our current system benefits society.

INTERESTS:

Squash, reading, independent films and the Boston Red Sox.



**Miss Julia
Moses**
United States

COURSE IN CAMBRIDGE:

PhD in History; St John's College

PREVIOUS UNIVERSITIES:

University of Oxford (University College)
Columbia University (Barnard College)

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
Motto**
United States

COURSE IN CAMBRIDGE:

PhD in Criminology; King's College

PREVIOUS UNIVERSITIES:

Yale University: BA Sociology (2001), BA American Studies (2001)
University of Cambridge: MPhil Criminological Research (2005)

September 11, 2001, brought home for me the urgent need to examine the relationship among policing, the community and effective anti-terror policy. My research on the London Metropolitan Police and New York Police Department is grounded in the belief that we can protect great nations

while ensuring the civil rights and basic liberties of all citizens. I hope my time at Cambridge will inform a career in public service, building international coalitions to address the global threats of terrorism.

INTERESTS:

Gates Scholars' Society (Secretary, 2004-05), long-distance running, tennis, soccer, photography, US politics and elections, international affairs, civil rights issues, animal rights issues, collecting postcards, trying new foods, staying connected with my friends (wherever they may be) and spending time with my family.

2004–05



Ms Alexandra Mudd

United States

COURSE IN CAMBRIDGE:

PhD in History and Philosophy of Science;
Darwin College

PREVIOUS UNIVERSITIES:

The University of Chicago, M.A. Divinity
St. John's College, B.A. Liberal Arts

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 Emily Noah

United States

COURSE IN CAMBRIDGE:

PhD in Geography; Queens' College

PREVIOUS UNIVERSITIES:

Yale University: MEd (Environmental Policy)
Brown University: AB (Environmental Studies)

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 in Mathematics; King's College

PREVIOUS UNIVERSITIES:

Cambridge University

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.



Mr Sheehan Olver

United States

COURSE IN CAMBRIDGE:

PhD in Applied Mathematics and Theoretical Physics; Trinity Hall

PREVIOUS UNIVERSITIES:

University of Minnesota Twin Cities

Freedom is free of the need to be free

INTERESTS:

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

2004–05



Ms Clementina Osti

Italy

COURSE IN CAMBRIDGE:

PhD in European Literature; St. John's College

PREVIOUS UNIVERSITIES:

2002-2003: University of Oxford
1999-2002: University of London

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 and hope to investigate the influence of literary allusions and intertextual references in the establishment of aesthetic judgement.

INTERESTS:

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



Mr Pandia Raj Ramar

India

COURSE IN CAMBRIDGE:

PhD in Structural Engineering; Jesus College

PREVIOUS UNIVERSITIES:

IIT Madras
GCE, University of Madras

My PhD research in Cambridge University will add value to the research that I have carried out during my MS at IIT Madras. This will enable me to understand and use technological innovation in various infrastructure projects specifically projects related to Structural Engineering. Such knowledge will undoubtedly help me and my country to realise the vision of making

a developing country like India into a developed country. I gratefully acknowledge the support of the Gates Cambridge Trust.

INTERESTS:

Badminton, swimming, travelling, listening to music and reading literature.



Miss Camille Paxton

United States

COURSE IN CAMBRIDGE:

PhD in Biological Science (Immunology); Downing College

PREVIOUS UNIVERSITIES:

Hampshire College

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 Gian Paolo Procopio

Italy

COURSE IN CAMBRIDGE:

PhD in Theoretical Physics (DAMTP); Churchill College

PREVIOUS UNIVERSITIES:

University of Cambridge (CASM)
University of Bologna
(University of York)

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.

2004–05



Miss Amy Elizabeth Rowe

United States

COURSE IN CAMBRIDGE:

PhD in Social Anthropology; Girton College

PREVIOUS UNIVERSITIES:

Harvard University, MA in Theology, 2001
Colby College, BA Anthropology & Religion, 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 Zain Shirazi

Canada

COURSE IN CAMBRIDGE:

PhD in History; Fitzwilliam College

PREVIOUS UNIVERSITIES:

University of British Columbia (1999-2003)

My research focuses on Hindu-Muslim relations in the public sphere of colonial North India c. 1880–1930 with particular reference to the printing of polemical and controversial works.

INTERESTS:

Reading (philosophy, politics and literature), learning languages, film and music.



Mr Julian Sonner

Germany

COURSE IN CAMBRIDGE:

PhD in Theoretical Physics; Trinity College

PREVIOUS UNIVERSITIES:

University of Cambridge
University of Edinburgh

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...).



Mr Florian Steinberger

Germany

COURSE IN CAMBRIDGE:

PhD in Philosophy; Hughes Hall

PREVIOUS UNIVERSITIES:

University of Cambridge
University of Paris
University of Provence

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, soccer, basketball.

2004–05



Ms Cassandra Sweet

United States

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.



Mr Jan Trnka

Czech Republic

COURSE IN CAMBRIDGE:

PhD in Biochemistry; St. John's College

PREVIOUS UNIVERSITIES:

Charles University, Prague, Czech Republic

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....



Mr Viktor Vafeiadis

Greece

COURSE IN CAMBRIDGE:

PhD in Computer Science; Selwyn College

PREVIOUS UNIVERSITIES:

University of Cambridge: BA (computer science)

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.



Ms Sarah van Mastrigt

Canada

COURSE IN CAMBRIDGE:

PhD in Criminology; Magdalene College

PREVIOUS UNIVERSITIES:

Cambridge University (MPhil in Criminology)
University of Calgary, Canada (B.A. Hons in Psych)

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!

2004–05



Ms Noreen Von Cramon-Taubadel

Ireland

COURSE IN CAMBRIDGE:

PhD in Biological Anthropology; St John's College

PREVIOUS UNIVERSITIES:

University College London:
MSc Human Evolution and Behaviour, 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 Abigail Marie Wild

United States

COURSE IN CAMBRIDGE:

PhD in Criminological Research; Pembroke College

PREVIOUS UNIVERSITIES:

Harvard

I plan to research women's rights and mental health care in Latin American prisons. I am interested in questions of cross-cultural applicability of prison modeling and in culturally contingent explanations for gaps between criminological research and penal policy. I am also interested in prison conversion

narratives, photographic representation of prisoners, and historical constructions of criminal typologies and their use in substantiating (frequently racialized) claims about atavistic types.

INTERESTS:

Inclusive action learning environments (especially outdoor), primatology, water-skiing, violin, board games, soccer, neurotheology, sleep/dream research, hiking, costume parties.



Mr Shane Woods

Canada

COURSE IN CAMBRIDGE:

PhD in Genetics; Hughes Hall

PREVIOUS UNIVERSITIES:

Queens University: B.Sc. Honours, Biochemistry (2004)
University of Notre Dame
Harvard University

The similarities between the genomes of simple model organisms and humans are striking. My research in *C.elegans* concerns with how cells acquire and maintain their normal function. To understand what goes wrong when a cell becomes cancerous requires a knowledge of the processes that ensure correct

function in normal development. My focus is to examine functional redundancy on an organism wide scale. I hope to understand how copies of genes can compensate for one another's function when a single copy is lost. My involvement in science extends beyond my research; I'm interested in the way that science is portrayed through the media, the way it influences business, and the benefits it can have on our daily lives.

INTERESTS:

In my off time you will most likely find me snowboarding, wakeboarding, playing ice hockey, traveling, or punting along the river Cam.



Ms Umut Yildirim

Turkey

COURSE IN CAMBRIDGE:

PhD in Social Anthropology;
Lucy Cavendish College

PREVIOUS UNIVERSITIES:

My research at Cambridge will look at the formation of political subjectivities in the context of the state of emergency in South-Eastern Turkey. My research 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, food, photography, critical theory.

2004–05



Ms Mi Zhou
Australia

COURSE IN CAMBRIDGE:

PhD in English; Clare Hall

PREVIOUS UNIVERSITIES:

UNSW, Australia

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.

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.

2005–06



Mr Shehu Abdussalam
Nigeria

COURSE IN CAMBRIDGE:

PhD Applied Maths and Theoretical Physics;
St Edmund's College

PREVIOUS UNIVERSITIES:

University of Cambridge; AIMS, South Africa
Ahmadu Bello University, Nigeria

I enjoy learning new ideas of physics at high energies and want to contribute to our understanding of the secrets of nature. Gates Cambridge Scholarship have given me an opportunity for tools and experience gathering towards achieving that.

INTERESTS:

Science, reading history, politics, cycling, jogging



Mr Alexander Al-Haschimi
Germany

COURSE IN CAMBRIDGE:

PhD in Economics; St. John's College

PREVIOUS UNIVERSITIES:

University of Oxford
Columbia University

During my PhD studies, I plan to develop models for the analysis of monetary policy. I am particularly interested in how uncertainty about the economic outlook affects the performance of monetary policy. I am grateful to the Gates Cambridge Trust for funding my studies.

INTERESTS:

Guitar, drums, tennis, chess and boxing.



Ms Jesmini Ambikapathy
Australia

COURSE IN CAMBRIDGE:

MPhil in BioScience Enterprise; Darwin College

PREVIOUS UNIVERSITIES:

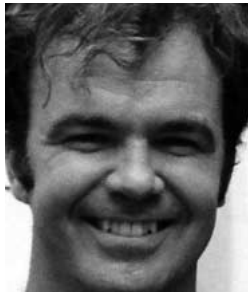
Australian National University (BSc and LLB)

I have always been interested in the areas of the law that regulate and impact upon scientific development and I have become increasingly focused on the area of technology commercialisation. The MPhil in BioScience Enterprise explores the business aspects of scientific development and innovation. Through this study, I hope to gain a better understanding of the commercial, scientific and legal dimensions of scientific development and innovation.

INTERESTS:

Reading, travelling, hiking and bush walking, music, rowing and touch rugby.

2005–06



**Mr Ross
Anthony**
South Africa

COURSE IN CAMBRIDGE:

PhD Social Anthropological Analysis;
Pembroke College

PREVIOUS UNIVERSITIES:

University of Natal; BA (Hons) History of Art
1998
University of Cape Town; MA English

I am interested in the development of China's western region of Xinjiang. My research focuses on ways in which urban development shapes notions of identity on global, national and local levels. After completing my PhD, I will return to South Africa in the hope of fostering a greater

awareness of China amongst Africans through teaching, researching and perhaps contributing to policy issues. My long-term goal is to contribute to the development of an Asian studies department in South Africa.

INTERESTS:

Mountains (especially the Himalayan family), China-watching, novel theoretical approaches to anything and everything, playing guitar, drinking coffee and hanging out with friends.



**Miss Diane
Candide Marie
Archer**
Thailand

COURSE IN CAMBRIDGE:

MPhil in Planning, Growth and Regeneration;
Sidney Sussex College

PREVIOUS UNIVERSITIES:

University of Cambridge

Having completed my BA in Land Economy, I decided to remain in this field and specialise in the issues surrounding planning and growth through the Planning, Growth and Regeneration MPhil. I am especially interested in the problems surrounding urbanisation in

developing countries, such as congestion and slums, having grown up in Bangkok. I hope to eventually return to South East Asia to work, either in the public or NGO sector.

INTERESTS:

I enjoy playing ladies football for my college, as well as a spot of rowing. Otherwise I also like to go for runs along the river and attending aerobics classes. I'm a keen reader and love travelling and meeting new people.



**Mr Jeronimo
Arellano**
Ecuador

COURSE IN CAMBRIDGE:

MPhil in Latin American Studies; Clare Hall

PREVIOUS UNIVERSITIES:

Stanford University, CT
Macalester College

My current research focuses on the interaction between alphabetic writing and other systems of inscription -the Inca quipu, in particular- in colonial texts from the Andes region. I am also interested in the representation of narratives of origin in contemporary Latin American cinema and visual arts.

INTERESTS:

Traveling, creative writing, music, sushi.



**Mr Trivikram
Arun
Ramanathan**
India

COURSE IN CAMBRIDGE:

MPhil in Industrial Systems, Manufacture and Management; Wolfson College

PREVIOUS UNIVERSITIES:

Nanyang Technological University, Singapore

Management of technology will have a pivotal impact on human well in the developing world. Intricate relationships between several factors need to be analyzed to understand to what extent manufacturing should balance skilling/deskilling, job creation/preservation with increasing

productivity. I hope to use what I learn at Cambridge, for furthering my understanding of the interdependencies that exist in matters relating to industrial systems, management of technology and socio economic impact.

INTERESTS:

I play table tennis, tennis and cricket and like reading, particularly books of humour. I also spend some of my spare time on animal welfare and trying to keep myself abreast with developments in communication technology.

2005–06



Dr Felix Assah
Cameroon

COURSE IN CAMBRIDGE:

PhD in Epidemiology; Wolfson College

PREVIOUS UNIVERSITIES:

University of Cambridge (MPhil, 2005)

University of Yaounde I, Cameroon (MD, 2001)

My PhD research will focus on objective measurement of physical activity in an adult Cameroonian population. This work is within the broad area of understanding the determinants of adult obesity, diabetes and related metabolic disorders. I intend to focus my career on alleviating the burden of diabetes on the population and the

healthcare system through epidemiological research on primordial and primary prevention of diabetes.

INTERESTS:

Reading, watching football/movies, music and travel. I do not trust people who don't drink coffee!



Ms Laura Blecha
United States

COURSE IN CAMBRIDGE:

MPhil in Physics; St. Edmund's College

PREVIOUS UNIVERSITIES:

Northwestern University, USA

I will be studying physics, focusing on theoretical cosmology. After next year, I plan to continue my research and pursue a PhD at Caltech in the US.

INTERESTS:

Music (flute & piano), hiking & outdoor sports, stargazing, dancing, photography, & cooking (esp. desserts!).



Miss Katarzyna Bojar
Poland

COURSE IN CAMBRIDGE:

MPhil in GIS and Remote Sensing; Girton College

PREVIOUS UNIVERSITIES:

University of Szczecin, Msc (Marine Geography)

University of Aberdeen, Scotland (Erasmus scholar)

Business College of Western Pomerania, Szczecin

BA (Economics)

I am particularly interested in multimedia cartography and GIS. At Cambridge, I would like to focus on visualization of spatial data using 3D models and virtual reality for Coastal Zone Management. I hope that in the future I will be able to continue my research to PhD level and become a teacher at the university.

INTERESTS:

Music, playing clarinet, cinema, tennis, biking, traveling, cooking.



Mr Scott Carlson
United States

COURSE IN CAMBRIDGE:

MPhil in Computational Biology; Darwin College

PREVIOUS UNIVERSITIES:

Stanford University, CA

I am thrilled to spend next year in Cambridge. I can't wait to see the place and meet the people. The M.Phil in Computational Biology from Cambridge will be a strong preparation to begin a PhD Bioengineering at MIT in 2006. After the PhD I plan to go into research on biological systems engineering in either academia or industry.

INTERESTS:

I love to know what's going on in the world, especially international relations and U.S. politics. I grew up in the Pacific Northwest so I get outside at every opportunity to go hiking, skiing, running, or play frisbee. I listen to mostly techno, electronica, and Europop, lots of stuff that no one's ever heard of. My professional and research interests are molecular and cellular biology, genetics, chemical biology, statistics, machine learning, programming, and biological systems engineering. After Cambridge I'll start a PhD in Bioengineering at MIT in 2006.

2005–06



**Mr Rittik
Chaudhuri**

United States

COURSE IN CAMBRIDGE:

MPhil Biological Science; Magdalene College

PREVIOUS UNIVERSITIES:

Duke University

Among the genes encoded by HIV, Nef has been shown to be a primary determinant of viral pathogenicity. Patients infected with an attenuated strain of HIV, lacking a functional Nef, have displayed markedly slower progression towards AIDS. While at Cambridge, I intend to explore the role of Nef in HIV pathogenesis using an array of biochemical, cell biological, and genomic approaches. Hopefully, the findings of these studies will contribute to our understanding of HIV.

INTERESTS:

Running, lifting, near death experiences, playing sandlot baseball, betterfication campaigns, not tearing my ACL a third time, email, becoming an astronaut, shooting, and living the life of a mendicant student.



**Ms Chi Ai
Angela Mary
Chew**

Singapore

COURSE IN CAMBRIDGE:

PhD in Classics (Ancient Philosophy); New Hall

PREVIOUS UNIVERSITIES:

University of Cambridge (BA, MPhil)

INTERESTS:

Theology; international friendship (I have been involved in running international coffee bars and other activities for several years in Cambridge); travelling; languages.



**Mr Aaron
Richard Coble**

United States

COURSE IN CAMBRIDGE:

PhD in Computer Science; King's College

PREVIOUS UNIVERSITIES:

Pennsylvania State University, PA
Oxford University

I am greatly honored to be pursuing my DPhil at Cambridge with the help of the Gates Trust. My intended area of research is the automated checking and verification of computer security protocols.

INTERESTS:

My interests are quite varied and include: swing dancing, rowing, distance running, wine tasting, cello, theatre, classical and contemporary cookery, abstract painting, bonsai, music (contemporary rock, pop, and d'n'b as well as early jazz and rural blues), hookah, modern poetry, and independent film. I also enjoy just relaxing with people, getting to know them, and good conversation.



**Mr Stuart
Anthony
D'Aloisio**

Australia

COURSE IN CAMBRIDGE:

LLM Law; Downing College

PREVIOUS UNIVERSITIES:

University of Melbourne BA/LLB (Hons)

In my LLM at Cambridge I plan to focus on intellectual property law and dispute resolution. I have spent the past two years living and working as a lawyer in China, and in the future I hope to combine my study of law with my interest in China and its development. I am looking forward to experiencing university life in Cambridge and making the most of a challenging academic environment.

INTERESTS:

Travelling, skiing, reading, Chinese cinema, cooking, live music.

2005–06



**Mr C. Wallace
De Witt**

United States

COURSE IN CAMBRIDGE:

MPhil in Oriental Studies; King's College

PREVIOUS UNIVERSITIES:

Harvard Law School (2007)
Yale College (2003)

I am extraordinarily pleased and delighted to be the recipient of a Gates Fellowship. I have taken a year leave of absence from Harvard Law School in order to study in the Faculty of Oriental Studies at Cambridge. Upon completion of my law degree, I intend to enter private practice in a foreign office of an American or British law firm.

INTERESTS:

Reading, studying foreign languages, opera, travel, theatre.



**Ms Amanda
Dennis**

United States

COURSE IN CAMBRIDGE:

MPhil in European Lit. and Culture; Trinity College (deferred to October 2006)

PREVIOUS UNIVERSITIES:

Princeton University:
AB Comparative Literature (2003)

My interests revolve around the interplay between philosophy and literature. I would like to explore the influence of memory on present experience, and to look at how this perceptual phenomenon is manipulated by artistic (literary) and cultural productions. My studies engage with the work of Nietzsche (among others), who stylistically

blurred boundaries between poetry and philosophy in order to expose correspondences between psychology, mythology, literature and the structure of consciousness.

INTERESTS:

I love traveling, learning foreign languages, soccer, running, sailing, cooking Thai food, theater, film and all kinds of music.



**Mr Jonathan
DeRocher**

United States

COURSE IN CAMBRIDGE:

PhDPg in Chemical Engineering; King's College

PREVIOUS UNIVERSITIES:

University of Minnesota

My undergraduate research was in the area of transport in polymer membranes. I have worked mostly with nonselective membranes which either facilitate fast mass transfer or act as barriers. In Cambridge, I will extend this research by working with Dr. Geoff Moggridge on selective nanoporous films made from block copolymers. I plan to receive a

certificate of postgraduate study and start graduate school in chemical engineering at MIT next year.

INTERESTS:

I enjoy running, hiking, racquetball, tennis, hockey, baseball, and physical activities in general. I'm interested in learning about British sports such as cricket and rugby. I would also like to learn about British history and travel in the UK and Western Europe during my stay at Cambridge.



**Mr Daniel
DiCenso**

United States

COURSE IN CAMBRIDGE:

PhD in Music; Magdalene College

PREVIOUS UNIVERSITIES:

Villanova University (MA)
University of Pennsylvania (MA, MS)
College of the Holy Cross (BA)

I bought my first chant album in the sixth grade as a first-year Latin student. While an undergraduate, my childhood fascination with chant blossomed into an intellectual passion, which now, in turn, has led to the pursuit of a Ph.D. in Music. I am particularly excited about pursuing

my interests in chant at Cambridge University because Cambridge is unique in its resources for the interdisciplinary study of chant and its medieval contexts.

INTERESTS:

Music, singing, concerts, art, cultural theory, reading, teaching, and travel.

2005–06



Mr Michael Dodson

United States

COURSE IN CAMBRIDGE:

Diploma in Computer Science; Queens' College

PREVIOUS UNIVERSITIES:

United States Naval Academy

I'm studying computer science and computational fluid dynamics during my time by the Cam. I'll be entering the submarine community in the US Navy when I leave Cambridge, and eventually (hopefully) will become involved with submarine (or aerospace) research and development for the Navy.

INTERESTS:

I surf, row, and swim. Music interests vary, but anything with instruments is generally fine with me. Atlas Shrugged is my favorite book with The Fountainhead close behind. Anything by Douglas Adams also tops my favorites list. If I could go to school forever my next degrees would be cosmology, theoretical physics, and philosophy, not necessarily in that order.



Ms Anna Dolganov

United States

COURSE IN CAMBRIDGE:

MPhil in Classical Languages and Literature; King's College

PREVIOUS UNIVERSITIES:

Harvard University

Born and raised in Moscow, Russia. Went to school in the San Francisco Bay Area and college in New England. Studied abroad in Rome, Athens, and Germany. Passionate about places and people, languages (currently 7) and modes of communication. Secretly intend to conquer the world through classical studies.

INTERESTS

Professionally-speaking: Roman and Greek history and literature; the construction of historical narratives. In a less serious vein: dancing (latin et al.), music (classical et al.), languages and literatures, reading for pleasure (the ultimate luxury), theater, beautiful things and people, John Donne, all things *euro*, German classical scholarship (and other masochistic activities), opus reticulatum, independent films, baked brie, Tacitus, early music, international students (and the bizarre experience of actually *being* one this year). closet passions include: ancient coins, fashion magazines, borscht, Elizabethan history, conversational Latin, and... well, I don't want to pluck out the whole heart of my mystery, do I? :)



Ms Whitney Duim

United States

COURSE IN CAMBRIDGE:

MPhil in Chemistry; Wolfson College

PREVIOUS UNIVERSITIES:

Harvey Mudd College, Claremont, CA

I am thrilled to be studying at Cambridge this year. I will be conducting research in the laboratory of Dr. Stuart Clarke in colloid and interface science. At Cambridge I look forward to gaining an international perspective on my study of chemistry and meeting students from around the world. After obtaining a chemistry MPhil from Cambridge I will attend Stanford University to earn a PhD in chemistry. In the future I hope to become a professor as I love to research and teach.

INTERESTS:

My interests include chemistry, art history (especially 16-17th century Dutch art), the viola, running, and hiking. I hope to join a chamber music group, visit many art museums, and try new sports during my time at Cambridge!



Ms Neemat El Yafi

Lebanon

COURSE IN CAMBRIDGE:

MPhil in Real Estate Finance; Queens' College

PREVIOUS UNIVERSITIES:

Lebanese American University

The Gates Scholarship, a lifetime opportunity, a new path into life that was far from being realized without it.

INTERESTS:

Reading, horse-back riding, Shopping, Travelling.

2005–06



Mr Fernan Federici

Argentina

COURSE IN CAMBRIDGE:

PhD in Plant Sciences; St Edmund's College

PREVIOUS UNIVERSITIES:

Universidad Catolica de Chile
Universidad Nacional de Cuyo (Argentina)

I have chosen to investigate Cell Development in Plants. The aim of this project is to contribute to better understand the genetic and cellular interactions that control this phenomenon. I have chosen Cambridge because not only it is one of the oldest educative institutions of Europe and with the greater prestige in

the world, but also because gives a complete and integral formation to their students. I'm also very grateful to the Gates Cambridge Trust for their financial support of my PhD.

INTERESTS:

Football (to play and watch C.A.Boca Juniors), Fly Fishing, Tennis, Outdoor...and Science



Mr Szilard Fejer

Romania

COURSE IN CAMBRIDGE:

PhD in Chemistry; Downing College

PREVIOUS UNIVERSITIES:

University of Szeged, Szeged, Hungary

Computational chemistry is becoming a more and more powerful tool for chemists as time goes by. One "mystery" of particular interest, which can be very well investigated with the help of computational chemistry is the century old problem of protein folding. I am very excited to do research in this field in Cambridge, and I'm sure my experiences gained during these years will last for a lifetime.

INTERESTS:

General stuff like biking, movies, travelling; most of the time I play the guitar or the piano when I'm not near a computer or sleeping.



Mr Dustin McKinley Frazier

United States

COURSE IN CAMBRIDGE:

PhDMP in Anglo-Saxon, Norse and Celtic; Darwin College

PREVIOUS UNIVERSITIES:

Bethany College

For me, one of the most interesting and exciting things in life is learning how different people view themselves. Within my field, I will study the interrelationship of knowledge, learning and cultural identity; also, the role of individuals in shaping personal and collective self-awareness. From there, I hope to extend

my study forward into the ways that innovations in knowledge transmission and application continue to shape ever-changing concepts of individual and group identity.

INTERESTS:

Theatre, music, Africana, all things LGBT, indy movies, books, travel, writing, wandering, quotes, photography, nature.



Mr Hans Friedrichsen

United States

COURSE IN CAMBRIDGE:

MPhil in Biological Sciences; St. Edmund's College

PREVIOUS UNIVERSITIES:

University of Iowa

I grew up on a farm in Iowa with my parents, younger brother, and plenty of animals – pets and otherwise. In high school I became interested in medicine, and this interest has since expanded to include research. After finishing undergraduate work in 2004, I began studying neurodegeneration in Iowa City and St. Louis, and I am quite excited to

have the opportunity to continue studying this topic at Cambridge. Next fall I plan to return to St. Louis to pursue an MD/PhD at Washington University.

INTERESTS:

My interests include music (piano, organ, percussion), any and all games and sports (chess, poker, soccer, ultimate, table tennis), and the outdoors (travel, backpacking, camping).

2005–06



Mr Phillip John Geheb

United States

COURSE IN CAMBRIDGE:

MPhil in Modern Society and Global Transformations; St John's College

PREVIOUS UNIVERSITIES:

Saint Joseph's University
University of Pennsylvania

My name is Phill and I am from the US. I have spent the last two years as a Teach for America corp member in North Philadelphia. I have recently become married to my lovely wife Sarah. Plan on

studying educational sociology and the economy's effect on schools and educational systems.

INTERESTS:

Educational Theory, Sociology, Science Fiction, Ultimate Frisbee, American Football, Baseball, Volleyball, Hiking, Travel, politics, hanging out with my wife.



Ms Elizabeth Erin Gray

United States

COURSE IN CAMBRIDGE:

MSc in Pathology; Churchill College

PREVIOUS UNIVERSITIES:

University of Washington

I will be working towards a MSc in Pathology with Dr. Nick Coleman, who is studying the progression of HPV-mediated cervical neoplasia. I am interested in examining the specific chromosomal imbalances that occur in cervical carcinogenesis and the resulting changes in gene expression. This work will prepare me for a career as a professor and research

scientist. In this field, I hope to increase our understanding of cancer and inspire young biologists to pursue this intriguing field.

INTERESTS:

I love running and am hoping to run a marathon in 2006. I also enjoy reading, discussing politics with friends, traveling, and baking (preferably something with chocolate in it!).



Mr Alastair William Green

United States

COURSE IN CAMBRIDGE:

MPhil in Economics; Pembroke College

PREVIOUS UNIVERSITIES:

University of Pennsylvania

In the future, I hope to work in development projects for communities in Muslim Africa. As an undergraduate, I studied development primarily from social and humanitarian perspectives, and I hope that the Cambridge MPhil will help me to better understand development from the point of view of economics. After leaving Cambridge, I plan on

becoming involved in development efforts through either the private sector or an international aid agency.

INTERESTS:

I enjoy playing squash, working out, and downhill skiing. I also like to travel, SCUBA dive, play the guitar and piano, and watch 'Law and Order.'



Mr Daniel Greenfield

Australia

COURSE IN CAMBRIDGE:

PhD in Computer Science; Trinity Hall

PREVIOUS UNIVERSITIES:

University of New South Wales
University of Illinois, Urbana-Champaign(exchange)

As part of the Cambridge-MIT Alliance in Pervasive Computing, I am excited to be working with some of the best researchers in this field. As transistors shrink, communication becomes a major bottleneck to performance. My research concerns Networks-on-Chip for communication-limited VLSI. As a big believer in the cross-pollination of ideas, even from seemingly far-flung fields, I look

forward to many fascinating discussions, as well as close friendships, in the Gates Cambridge Community.

INTERESTS:

Development, Sustainable Energy, Music (an eclectic sort), Japanese Animation, Systems Biology, Cancer Diagnosis, Statistical Machine Learning, Sociology, Gourmet Food/Chocolate and Travel.

2005–06



Ms Melinda Griffiths

South Africa

COURSE IN CAMBRIDGE:

MPhil in BioScience Enterprise; Wolfson College

PREVIOUS UNIVERSITIES:

University of Cape Town

I am from Cape Town, South Africa and completed my honours degree in Cell Biology at the University of Cape Town. Looking to apply my molecular biology background in the Biotechnology industry, I decided that the BioScience Enterprise course at Cambridge would provide an excellent practical training at the interface of the science and business worlds. My future plans are to return to South Africa in order to study further and hopefully one day start my own biotech company.

INTERESTS:

Surfing, hiking, travelling, cycling, playing classical guitar, keeping aviary birds, volleyball, squash, the outdoors, skiing, photography.



Mr Dirk-Hinrich Haar

Germany

COURSE IN CAMBRIDGE:

M.Phil in Criminology; Selwyn College

PREVIOUS UNIVERSITIES:

Universität Konstanz, Diplom 2005
Institut d'Etudes Politiques de Paris
Universität Leipzig

My focus is on "better" criminal policy in a double sense: To address more efficiently crime as a major concern of people in many countries, and to free resources and sympathy for human rights and equal protection. Beyond contributing to policy design, I am also

willing to engage in the struggles of its application. Unique in diversity and excellence, the Institute of Criminology will provide me with the necessary foundations. Being a Gates scholar will inspire and motivate me further.

INTERESTS:

Sports, politics, writing, music (violin), reading.



Mr Joel Andrew Halcomb

United States

COURSE IN CAMBRIDGE:

MPhil in Early Modern History; Selwyn College

PREVIOUS UNIVERSITIES:

Oklahoma State University
York University

I was born in Texas, lived in the deep south, and graduated from Oklahoma State University with degrees in mathematics and history. Here at Cambridge I will be studying early modern history, with an emphasis on religion.

INTERESTS:

I like long walks on the beach, red wine, English girls named Helena, and Yearbook statements. I play in a band called Bert and the Shirts. I like working construction while drinking Pabst Blue Ribbon and talking about Eugene Debs to a bunch of wryly rednecks who don't know who he is. It's futile, but no more than the current geopolitical situation. At least the rednecks are partly charming.



Miss Deborah Hayden

United States

COURSE IN CAMBRIDGE:

PhD in Anglo-Saxon, Norse and Celtic; Hughes Hall

PREVIOUS UNIVERSITIES:

Cambridge University, B.A. Affiliated ASNaC 2005
Wellesley College, B.A. 2003

My PhD research will focus on the evolution of linguistic study and thought in medieval Ireland, and will aim to explore the broader questions of language use and acquisition through a textual medium. Ultimately I hope to use my experience at Cambridge to pursue a career in teaching and research.

INTERESTS:

Music (of all sorts, but especially playing horn and fiddle), literature, languages, travel.

2005–06



Ms Jin He
China

COURSE IN CAMBRIDGE:

PhD in Second Language Education;
St John's College

PREVIOUS UNIVERSITIES:

Cambridge University MPhil
Southwest China Normal University BA

My field of research is Second Language Education, which I have pursued for over 10 years. However, I am also extremely interested in early education, educational policy-making and management. My career goal is to become a professional educator and help improve education in my home country. I am very glad to be able to

conduct further research at Cambridge and I would particularly like to extend my thanks to the Gates Trust for generously sponsoring my study at Cambridge.

INTERESTS:

Reading, trekking, music, history, social work in improving education at depressed areas.



Ms Ashleigh Nicole Hildebrand
United States

COURSE IN CAMBRIDGE:

MPhil in Environmental Policy; Trinity College

PREVIOUS UNIVERSITIES:

Oklahoma State University

Though chemical engineers have great potential to impart harm or good to the environment, their education in the United States is sadly devoid of environmental issues. I intend to incorporate vital environmental perspectives – ethical, political, and scientific – into curricula through a career as a professor of chemical engineering. The MPhil in Environmental Policy I will pursue at Cambridge will

provide me with the knowledge necessary to catalyze this change while informing my own research.

INTERESTS:

While meeting and getting to know people is my greatest hobby, I also love reading important books, discussing politics and philosophy, film and theatre, cooking, travel and adventure, photography, and the requisite coffee and good beer.



Ms Ling-Yan Hung
Hong Kong

COURSE IN CAMBRIDGE:

PhD in Theoretical Physics; Peterhouse College

PREVIOUS UNIVERSITIES:

CASM, Cambridge University 2004-05
BA (Physics), Oxford University 2001-04

I am a Theoretical Physics student. I have always aspired to understand the most fundamental laws governing Nature and so I am now working on String Theory. May I express my gratitude to the Gates Trust for granting me this invaluable opportunity to realize my childhood dream.

INTERESTS:

Reading, soccer, cantonese opera.



Mr Anthony Hylick
United States

COURSE IN CAMBRIDGE:

PhD in Computer Science; Churchill College

PREVIOUS UNIVERSITIES:

Georgia Institute of Technology, Atlanta, GA, USA

I am from Warner Robins, GA, United States of America, and I completed my undergraduate curriculum (B.S. Computer Engineering 2005) at the Georgia Institute of Technology in Atlanta, GA. My current research interests include reconfigurable computer architecture design and computer hardware and electronic hardware design. I love basketball, baseball, being outdoors and relaxing. My

future plans are to complete my Ph.D. and become a Senior Design Engineer for computer architecture development.

INTERESTS:

Enjoying my first time in the UK and Europe, sports, food, friends, and life. Relaxing and remembering what is important in life.

2005–06



Mr Isaac Idun-Arkhurst

Ghana

COURSE IN CAMBRIDGE:

MPhil/PhD in International Relations;
St. John's College

PREVIOUS UNIVERSITIES:

University of Ghana

At Cambridge, I hope to ultimately complete a PhD on why greater integration of many African economies into the world trading system, rather than spurring growth and development, seems to be constraining national development aspirations and deepening the crisis of underdevelopment. I hope to

pursue a career as an academic and a policy-maker in development and foreign economic policy.

INTERESTS:

Volleyball, football, creative writing, rhetoric and culture, politics.



Miss Analia Veronica Jaimovich

Argentina

COURSE IN CAMBRIDGE:

MPhil in Politics, Democracy and Education;
Christ's College

PREVIOUS UNIVERSITIES:

Facultad Latinoamericana de Cs Sociales (FLACSO):
Specialist (Educational Policies) 2003-2005
Universidad de Buenos Aires (Argentina):
BA (Educational Sciences) 1997-2003

I plan to specialize in the field of politics and public policies in education, with an emphasis on decentralization, participatory school management and school autonomy policies. I am specifically interested in analysing the multiple ways of civic engagement in local public affairs promoted by such policies. I expect to

develop a relationship between academic research and policy making and get involved in high decision making processes in order to strengthen local democratic institutions.

INTERESTS:

Educational policies, participatory school management. Hobbies: oil painting and tango dancing.



Ms Tala Jarjour

Syria

COURSE IN CAMBRIDGE:

PhD in Ethnomusicology; Trinity Hall

PREVIOUS UNIVERSITIES:

University of Cambridge 2004-2005
Ohio University 1999-2002
Higher Institute of Music in Damascus 1992-1997

I look forward to being part of the Gates scholars student body in Cambridge.

INTERESTS:

Hiking, Music.



Mr Seevaratnam Jegandan

Sri Lanka

COURSE IN CAMBRIDGE:

PhD in Engineering; Churchill College

PREVIOUS UNIVERSITIES:

University of Moratuwa

My undergraduate research was in the area of soft soil stabilization by deep mixing method (DMM). I have worked mostly with Srilankan soft soil and local binders. In Cambridge, I will extend this research by working with Dr. Abir Al Tabbaa. My PhD will focus specially on the role of novel binders used in soil improvement purposes. I hope that my

research will give some new insight about how to achieve optimum strength from different types of binders and the required field conditions for it.

INTERESTS:

I enjoy music, sports, traveling, reading, hanging out with friends. I love to meet new friends from all parts of the world.

2005–06



Mr Nicholas Johnson

United States

COURSE IN CAMBRIDGE:

PhDPg in Chemistry; Churchill College

PREVIOUS UNIVERSITIES:

Texas Tech University

At Cambridge, I look forward to the challenge of world class research projects while bridging scientific disciplines. With this in mind, I plan to work with DNA influenced by electric fields for my PhD project. Upon completion of my degree, I expect to continue working in a research capacity either in academia or industry.

Specifically, I hope to be involved in the medical fields and create novel solutions to medical problems plaguing the world today.

INTERESTS:

I like to challenge the body as well as the mind. I enjoy endurance sports such as marathon running and long distance triathlons. I am also excited by long distance backpacking trips and spending time out doors. To relax, I prefer golf, and I look forward to playing some of the storied links in the UK.



Ms Rebecca Johnston

Australia

COURSE IN CAMBRIDGE:

PhD in Astrophysics; Peterhouse

PREVIOUS UNIVERSITIES:

University of Sydney:
BSc (Physics and Mathematics)

My research will be motivated by some of the most fundamental questions in science: how did our universe form, why does it look like it does, and what is its ultimate fate? Specifically, I'll be looking at how fluctuations in the early universe grew and evolved, acting as primordial 'seeds' for the large scale structure we see in the

universe today. In Cambridge, I'm looking forward to joining the Gates community, and to beginning what I hope will be a diverse and challenging career in research.

INTERESTS:

Writing and literature; films, drawing, and singing. I can't wait to try rowing at Cambridge.



Ms Rebecca Jones

United States

COURSE IN CAMBRIDGE:

MPhil in Psychiatry; Newnham College

PREVIOUS UNIVERSITIES:

Princeton University

I am so grateful for the opportunity to study at Cambridge this year. My focus is to help individuals with mental disorders and conduct research on the brain. My research aims to understand how information is processed in the brain by individuals with Autism Spectrum Disorders. Specifically, using fMRI techniques, I will examine whether

teaching emotion recognition via a computer game will alter brain responses in individuals affected by Autism.

INTERESTS:

I enjoy yoga, reading, learning about and drinking wine, skiing, tennis and running.



Ms Izabela Kisilowska

Poland

COURSE IN CAMBRIDGE:

PhD in Social and Political Science; Peterhouse

PREVIOUS UNIVERSITIES:

Yale University (Visiting assistant in research)
Freie-Universität Berlin (Erasmus scholar)
Warsaw University (M.A. in political science)

So far my student life has been a lot of fun both in and outside the classroom. Parallel to studying on both sides of the Atlantic, I've run a vigorous student association, managed a nationwide project on European integration and established a monthly for the youth. Thanks to the Gates Scholarship I will be able to engage in intensive research on social sacrifices made in

extraordinary situations. Pursuing this project in Cambridge's unique multicultural environment will be a great adventure.

INTERESTS:

Travelling, skiing and photographing social diversity.

2005–06



Mr Sebastian Klinge

Germany

COURSE IN CAMBRIDGE:

PhD in Biochemistry; Clare College

PREVIOUS UNIVERSITIES:

University of Cambridge

During cellular division, DNA needs to be replicated and distributed into two daughter cells. My studies in Cambridge will focus on factors, which are required to trigger the initiation of DNA replication. The characterisation of these initiation factors will help to understand the molecular basis of this process in normal and cancerous cells.

INTERESTS:

Music(cello), independent cinema and art.



Ms Svitlana A. Kobzar

Ukraine

COURSE IN CAMBRIDGE:

PhD in International Studies; Wolfson College

PREVIOUS UNIVERSITIES:

Cambridge University:

MPhil in Contemporary European Studies (2005)

Alma College: BA in Foreign Service (2004)

I am thrilled to be able to pursue my PhD at the University of Cambridge with many faculty and students specialising in the EU's external policy. I will research the 'European Union factor' that contributes to democratisation in Ukraine. I intend to use my knowledge to facilitate further

reforms in Ukraine by promoting the political dialogue among government agencies and organised civil society actors.

INTERESTS:

I enjoy spending time with my family and friends, volunteering for non-government organisations, traveling, reading, running, skiing and watching movies.



Miss Nidhi Kumra

India

COURSE IN CAMBRIDGE:

BAaff in Mathematics; Trinity College

PREVIOUS UNIVERSITIES:

St Stephens College,University of Delhi

Mathematics is a language that has redefined me as a person. I look forward to my study at Cambridge and hope sharpen my analytical and mathematical skills.I want to deepen my understanding of areas like algebra,analysis and probability.I am confident that Cambridge will provide me with a conducive atmosphere for my overall growth. I am optimistic that through the mathematical

skills that I attain in the next two years,I can make mathematics more fun and appealing to the future generation.

INTERESTS:

My Passions-Mathematics,music-especially Ghazals&Rock, reading. My interests-travelling and meeting new people,tennis,swimming.



Miss Carmen Liliana Lacambra-Segura

Spain

COURSE IN CAMBRIDGE:

PhD in Geography; St Edmund's College

PREVIOUS UNIVERSITIES:

University of Hull, Hull, UK

Universidad de los Andes, Bogota, Colombia

I am a biologist, most of my experience has been on tropical coastal ecosystems and policy making. I plan to research about the responses of coastal ecosystems to natural disasters.

INTERESTS:

Family, conservation, sustainable development, natural disasters, football, scuba diving.

2005–06



Ms Juliet Lapidos
United States

COURSE IN CAMBRIDGE:
MPhil in English Studies; Hughes Hall

PREVIOUS UNIVERSITIES:
Yale (Davenport College)

I'm studying eighteenth-century British novels. I think I might want to be an academic, but now and then law school comes to mind.

INTERESTS:
Architecture, curb your enthusiasm, etymologies.



Ms Anna Lopatinskaya
Russia

COURSE IN CAMBRIDGE:
MPhil in English and Applied Linguistics;
Fitzwilliam College

PREVIOUS UNIVERSITIES:
Moscow State Lomonosov University

I am happy to be awarded a Gates Cambridge Scholarship and to be admitted to the University of Cambridge. I hope to make lifelong friends in this wonderful academic community!

INTERESTS:
Reading, contemporary dance.



Dr Ramon Maluping
Philippines

COURSE IN CAMBRIDGE:
PhD in Veterinary Medicine (Molecular Microbiology); Sidney Sussex College

PREVIOUS UNIVERSITIES:
University of Santiago de Compostela, Spain
Swedish University of Agri. Sciences, Uppsala
University of the Philippines

The occurrence of infectious diseases still remains as one of the major challenges the world has to face. These diseases have not only brought economic losses, but more importantly some had posed great threats to human health. It is my objective that by specializing in molecular microbiology, I can contribute in solving this problem. Being accepted in one of the best

universities in the world and winning a very prestigious Gates scholarship have given me great hope in realising this goal.

INTERESTS:
Sports (badminton, swimming, table tennis, etc.), Snorkling, Hiking, Camping, Mountain and Rock Climbing, Cycling, Beach Hopping, Travelling, Dancing, Rodeo, Community Immersion and Participation in Voluntary and Non-Government Organizations.



Ms Maile Allen Martinez
United States

COURSE IN CAMBRIDGE:
MPhil in European Literature and Culture;
St. John's College

PREVIOUS UNIVERSITIES:
Arizona State University (M.Ed, 2005)
Mount Holyoke College (BA, 2003)

After I received a B.A. in Romance Languages from Mount Holyoke College, I joined Teach For America, and dedicated myself to improving the educational prospects of my seventh grade students in Phoenix. My passion for education, literature, learning, and activism prompted me to pursue an MPhil in European Literature at Cambridge, St. John's College. Ultimately, I aim to earn a PhD in

the field, and become a professor, devoting myself to instilling the same passions in my future students.

INTERESTS:
Yoga, snowboarding, French, Spanish, hiking, backpacking, camping, music, traveling, film, reading, pilates, vegetarian food.

2005–06



Ms Nayanika Mathur

India

COURSE IN CAMBRIDGE:

PhD in Social Anthropology; New Hall

PREVIOUS UNIVERSITIES:

The Institute of Social Sciences (ISS), the Hague
Cambridge University

The Delhi School of Economics, Delhi University
Hindu College, Delhi University

My research interests centre around environmental politics, with a focus on social inequality and natural resource conflicts; environmental movements; and the anthropology of development. I plan to study issues revolving around access to water by probably the most invisible

section of India – her rural populace. I, rather immodestly, hope that my doctoral research shall bring to light some aspects of these lives lived in the margins, in the context of control and conflict over natural resources.

INTERESTS:

Reading, writing, travelling, learning new languages.



Ms Megan Michelle Matthews

United States

COURSE IN CAMBRIDGE:

MPhil in Geographical Research; New Hall

PREVIOUS UNIVERSITIES:

University of Washington
BA – English Literature (June 2004)
Seattle University

I will embark on my MPhil this fall in the Geography Department, where I hope to study Ecuadorian women's involvement with environmental justice movements. While at Cambridge, I aspire to obtain a PhD in Geography, establish friendships with an amazing group of people and take advantage of Europe's outrageously low airfares!

INTERESTS:

Like any good English major, I have too many interests, including: anything and everything pertaining to environmental studies, dancing (especially Argentine tango), writing & blogging, cycling, walking anywhere and everywhere, watching indie films, having long cultural & political discussions in coffee shops, cooking dynamite vegetarian/vegan food, and equestrian sports (I hope to eek out enough time to join the team at Cambridge).



Mr Alex Mauss

Germany

COURSE IN CAMBRIDGE:

PhD in Developmental Neurobiology;
Emmanuel College

PREVIOUS UNIVERSITIES:

University of Cambridge, United Kingdom
Johannes Gutenberg-University Mainz, Germany

One fascinating question in biological sciences is how the brain develops, providing the basis for correct information flow and integration that enables us to think, sense, and feel. My research project will deal with one aspect of this exciting field of investigation, namely how neurons

send processes to their synaptic partners in the embryonic CNS to form functional neuronal networks. Hopefully, my work will help to understand pathogenesis of mental conditions in humans.

INTERESTS:

Outdoor sports (running, hiking, cycling, football), travelling, and playing the guitar.



Mr Kamiar Mohaddes

Sweden

COURSE IN CAMBRIDGE:

MPhil in Economics; St. John's College

PREVIOUS UNIVERSITIES:

University of Warwick

Having recently left a full time paid job as the Deputy President of the University of Warwick Students' Union, I am really excited to start to work towards a PhD in Economics and I am in particular grateful for having got the opportunity to study at Cambridge. The Economics MPhil program at Cambridge will give me the

necessary training and equip me with the necessary tools to advance to the PhD program and then eventually allow me to pursue a career in academia.

INTERESTS:

Music, sports, movies, travelling, cooking, hanging out with friends, as well as doing volunteering work in the community.

2005–06



**Mr Vinit
Nagarajan**

India

COURSE IN CAMBRIDGE:

MPhil in Finance; Hughes Hall

PREVIOUS UNIVERSITIES:

National Univ. Singapore – Bachelor of Engineering

I'm glad to have the opportunity to study at Cambridge. I'm going to be studying for an M.Phil in Finance at the Judge Institute. Over the next year, I hope to further improve my understanding of finance and the financial markets, meet a lot of interesting people and enjoy the entire Cambridge experience.

INTERESTS:

I love the outdoors and am up for a game of tennis anytime ! Cricket being the other sport that I enjoy immensely. Sports apart, reading and travel are my other top interests.



**Mr Martial
Loth Ndeffo
Mbah**

Cameroon

COURSE IN CAMBRIDGE:

PtIII in Mathematics; St Edmund's College

PREVIOUS UNIVERSITIES:

Stellenbosch university (South Africa)
Yaounde 1 university (Cameroon)

Choose instruction instead of silver, knowledge rather than gold. Through knowledge your stores will be filled with rare treasures.

INTERESTS:

Bible, movies, music.



**Mr Jonas
Neher**

Germany

COURSE IN CAMBRIDGE:

PhD in Biochemistry; Darwin College

PREVIOUS UNIVERSITIES:

University of Tuebingen, MSc
Trinity College Dublin
University of Darmstadt

Through my research I hope to help elucidate the biochemical basis of neurological diseases – especially the processes involved in neurodegeneration. This knowledge should eventually allow for the development of efficient therapies for these yet untreatable and devastating disorders.

INTERESTS:

Volleyball, playing the flute and saxophone, non-scientific reading, all kinds of music.



**Ms Ingrid
Nelson**

United States

COURSE IN CAMBRIDGE:

MPhil in Geographical Research; Newnham College

PREVIOUS UNIVERSITIES:

Dartmouth College, B.A. in Geography

After researching lawncare in New Hampshire, I am ready for a change of scenery. Although I'm leaving the serene waters of the Connecticut River, I hope to row even faster on the Cam. It is an honor to meet so many brilliant and passionate individuals studying at Cambridge. My research centers on women's involvement in a proposed dam project in Mozambique. On rainy days in need of high spirits I hope fellow Gates Scholars will join me in watching numerous clips of The Daily Show.

INTERESTS:

Rowing, Debate, Musical Composition, Hiking, Satire, Maps.

2005–06



Dr Virginia Newcombe

Australia

COURSE IN CAMBRIDGE:

PhD in Medicine; Wolfson College

PREVIOUS UNIVERSITIES:

Cambridge University, MPhil (Epidemiology, 2005)
University of Queensland, MBBS (2001)
University of New South Wales, BSc (1998)

My PhD project involves using diffusion weighted tensor imaging to demonstrate the incidence, time course, and clinical correlates of axonal injury following head trauma.



Mr Thai Binh Nguyen

Viet Nam

COURSE IN CAMBRIDGE:

PhD in Radiation Oncology; Fitzwilliam College

PREVIOUS UNIVERSITIES:

Ecole Polytechnique:
Diploma Engineering (2004)
Universite de Paul Sabatier :
Msc (Medical Physics) (2005)

My research focuses on methods for optimization of intensity modulated radiation therapy where the planning target volume extends into the build up region. I believe that this type of advanced technique in radiation therapy can improve significantly cancer patient's life. Studying

at the prestigious universities of Ecole Polytechnique (X) in France and the University of Cambridge in England will help me in building bridges between Vietnamese researchers and other researchers all over the world.

INTERESTS:

Golf, football, table tennis, walking ... I enjoy traveling and my next continent will be Africa.



Ms Sarah Nouwen

The Netherlands

COURSE IN CAMBRIDGE:

PhD in International Law; Emmanuel College

PREVIOUS UNIVERSITIES:

University of Cambridge, MPhil International Relations
Utrecht University, LL.M Dutch private law and international law

Working experiences in international organisations (UN), NGOs (Plan Senegal, teaching in South Africa), the Dutch Ministry for Foreign Affairs and a law firm in Paris confirmed my passion for international law. It also revealed a fascination for the interaction between

international law and politics. After obtaining an LL.M I decided to read international relations in Cambridge. In the PhD I hope to combine the two studies in a thesis on the role of various types of international criminal courts.

INTERESTS:

International law and politics, literature, hiking, CISV.



Mr Mikkel Zahle Oestergaard

Denmark

COURSE IN CAMBRIDGE:

PhD in Genetic Epidemiology; Clare Hall

PREVIOUS UNIVERSITIES:

Clare Hall, Cambridge: MPhil Epidemiology (2005)
University of Copenhagen: BSc Biochemistry (2003)

2004–05 was an excellent year in Cambridge, both socially and academically. After my MPhil I now look forward to three more years in Cambridge for my PhD. The project is in whole-genome analysis and focuses on the implementation of methods to search for disease susceptibility alleles.

INTERESTS:

Travel, sports (e.g. running, rowing), literature, nature and scuba diving.

2005–06



Mr Arijeet Pal
India

COURSE IN CAMBRIDGE:

BAaff in Natural Sciences; Christ's College

PREVIOUS UNIVERSITIES:

St. Stephen's College, University of Delhi, India

Life is full of surprises and it is this spontaneity which has always attracted me to what the future holds for me. I am looking forward to my stay in Cambridge as an opportunity to expand my vision not just in physics but other aspects of life.

Physics is my first love. Though I have a certain fondness for Theoretical Physics, but I am also looking forward to honing my skills at Experimental Physics given the world class facilities at Cambridge.

INTERESTS:

Passions – Physics, Theatre, travelling & meeting people, food. Interests – Indian Classical Music, playing soccer, cricket or any outdoor team-sport.



Ms Xiaohan Pan
China

COURSE IN CAMBRIDGE:

PhD in Biotechnology; Downing College

PREVIOUS UNIVERSITIES:

Zhejiang University, BS of Biomedical Engineering
National University of Singapore, Exchange

My interest in biotechnology goes back to my high school years when I was an active member in school's Biology Team. I wish someday in the future I could lead a research group in discovering and developing new treatments and instruments for diagnosing / curing human diseases. And if possible, I would also be very interested in setting up a company that converts new discoveries and developments in the lab into tangible

medical products available to average people to improve their lives.

INTERESTS:

I love volleyball, very much. I believed I am good at it when I was in high school. The evidence is that I was honoured being selected to be the Captain of Shaoxing High School Woman Volleyball Team, and the best result of our team is gaining the No.2 position in our city tournament!!! Of course, you can guess there are not many teams in our city...Not two, anyway :) Besides, I am also quite interested in many kinds of sports, like aerobics, ping-pang, swimming, etc. Meanwhile, I am keen of any things involved rhythm, though my voice is too bad to be tolerated, like dancing, playing piano and playing waist drum are all of my favorites.



Mr James Park
United States

COURSE IN CAMBRIDGE:

MPhil in Computational Biology; St John's College

PREVIOUS UNIVERSITIES:

Yale School of Medicine
Harvard College
Stuyvesant High School

Before living in New Haven, CT, I've lived in Boston, New York, and Phoenix. I'm taking a leave of absence from Yale MD-PhD, where I studied the role of Nogo Receptor in Alzheimer's Disease. At Cambridge, I will pursue an MPhil modeling Nogo Receptor interactions with its ligands. In addition to starting a residency in neurology, my goal is to start or work for a non-profit pharmaceutical company.

INTERESTS:

Hanging out with friends, volunteering, reading, writing, traveling (ghana and costa rica are heavy favorites and in the works), running (participating in ½ marathons and triathlons), rollerblading, learning guitar, tinkering with computers, learning chess (uh...actually productively wasting time on the internet), talking about economics, policy & politics, debating, lifting, sailing (uh...actually occasionally capsizing to get a swim), cooking (uh...actually eating whatever's been made), hiking, climbing, and meeting new people.



Miss Irene Peano
Italy

COURSE IN CAMBRIDGE:

MPhil in Social Anthropological Research;
King's College

PREVIOUS UNIVERSITIES:

Cambridge (2004)

My research shall focus on issues of gender, sexuality and the body in the context of sex workers trafficking from Nigeria to Italy. I aim at actively contributing not only to anthropological knowledge, but also to more political and

social issues related to the lives of these women within a wider social context, in a time when migration and the rights of migrants are becoming a central issue for European and global politics.

INTERESTS:

Travelling, grassroots politics, cinema, art.

2005–06



Miss Tammy Pearl

South Africa

COURSE IN CAMBRIDGE:

MPhil in Biochemistry; St Johns' College

PREVIOUS UNIVERSITIES:

The University of the Witwatersrand

My mother calls me painful and messy. I prefer to say that I am inquisitive and creative. I find the molecular pathways that govern life miraculous and so, surprise, I am doing my MPhil in biochemistry. My family hopes I'll come out of Cambridge a well spoken posh lady, I am hoping for a lot more (I think I am already a well spoken posh lady... hehe).

Jokes aside, I am extremely grateful to the Gates Trust for affording me this opportunity and all I can say is that I plan to achieve great things

INTERESTS:

I enjoy movies, spending time with friends, ballroom dancing and if I had the slightest bit of hand-eye co-ordination, I suppose I might like sport.



Mr Carl Pfindner

United States

COURSE IN CAMBRIDGE:

MPhil in Theology and Religious Studies; Peterhouse

PREVIOUS UNIVERSITIES:

University of Pennsylvania

Having spent a good deal of my time working on solid state and high energy physics over the past four years, I'm looking forward to working on a more humanities oriented subject (religious studies). I am primarily interested in the connection between science, religion, and philosophy and what makes them so opposed to each other in the public eye,

especially in the U.S. I am also interested in the early development of Christianity and its connections to pre-Christian Classical thought.

INTERESTS:

Science, physics, religion, mythology, philosophy (especially Greek), early Christianity, Buddhism, Daoism, ancient history, ancient greek, science fiction, fantasy, computers, computer games, travelling, wandering, hiking, outdoors, mountains, music (almost all types), tutoring and teaching (especially math and physics).



Ms Laura Beatriz Porro

United States

COURSE IN CAMBRIDGE:

PhD in Palaeobiology; Selwyn College

PREVIOUS UNIVERSITIES:

University of Illinois at Chicago
Eastern Illinois University (summer course only)

It is a true honor to have received a Gates Cambridge Scholarship. Pursuing my PhD at Cambridge is the opportunity of a lifetime and I am excited to join such an interesting and diverse group of people. I am working in the Earth Sciences department using finite element analysis (FEA) to shed greater understanding on

skull function and feeding strategy in basal ornithischians, an early group of 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 Towfique Raj

United States

COURSE IN CAMBRIDGE:

PhD Genetics (Bioinformatics); St John's College

PREVIOUS UNIVERSITIES:

I aspire to be part of new generation of research professionals who will use genomic technology to develop novel computational approaches to prognostics, diagnostics and treatment of diseases. My research will focus on the genetic variation in the human population and its contribution to disease. A Ph.D. from Cambridge with the resources of Gates

Scholarship will allow me to fulfill not only my career goal of becoming a scientist but also my dream of using my career to benefit humanity.

INTERESTS:

Public health for the developing world, infectious disease, human genetic variation, and computational genomics. Reading (autobiographies and philosophy of religion), traveling, long walks, exploring new culture, dancing, music (my favorite is classical), basketball, soccer, would like to learn cricket.

2005–06



Ms Rebecca Rancourt

United States

COURSE IN CAMBRIDGE:

PhD in Anatomy; Darwin College

PREVIOUS UNIVERSITIES:

Syracuse University

I am looking forward to the adventure that lies ahead in jolly old England. My greatest feat will be remembering to look the opposite way when crossing the street. I am excited to do research in the fascinating field of Epigenetics. There can be a million reasons not to try something new... You just need one great reason to begin!

INTERESTS:

My interests include dancing (Ballroom, Flamenco, Salsa etc.), rowing, attending concerts (rock, indie, opera) and a mean game of kick-ball.



Mr Paul Rhatigan

United States

COURSE IN CAMBRIDGE:

PhD in Engineering; Churchill College

PREVIOUS UNIVERSITIES:

University of Cambridge
University of Arizona

My work in the Nanoscience Centre focuses on a novel method to study the electrical properties of DNA using nanofabrication techniques. Continuing this research in my PhD could lead to the development of genetic biosensors or other medical applications.

INTERESTS:

Rowing, running, cooking, traveling, and being adventurous!



Mr Maxime Riché

France

COURSE IN CAMBRIDGE:

MPhil in Bioscience Enterprise; Hughes Hall

PREVIOUS UNIVERSITIES:

Columbia University, New York
École Centrale de Lyon

I aim at taking part to the establishment of new technologies and policies in the field of Health and Environment in Europe, and especially further the links between France and England in these areas. Biotechnology issues will be at the core of both of these domains and will be a major concern for each and everyone of us in coming years.

INTERESTS:

Guitar (classical, jazz, rock, flamenco) Cinema, photography, painting Climbing, kung fu.



Mr André Fernando Sartori

Brazil

COURSE IN CAMBRIDGE:

MPhil in Earth Sciences; Emmanuel College

PREVIOUS UNIVERSITIES:

Universidade de São Paulo:
MSc Zoology (2003)
Licentiate Biology (2002)
BSc Biology (2001)

Studying in an excellent scientific centre such as the University of Cambridge is a one-in-a-life-time opportunity to learn and develop myself professionally as I will work on a daily basis with a leader in my field of interest. Moreover, living abroad for three years and meeting people from all

over the world will certainly broaden my horizons and provide me with an insight into several different cultures. I am very grateful to the Gates Cambridge Trust for making this possible.

INTERESTS:

Sports (table tennis, swimming, snorkelling and scuba diving) and music (blues harmonica and guitar player).

2005–06



**Mr Flavius
Dietrich
Octavian
Schackert**
Germany

COURSE IN CAMBRIDGE:

MPhil in Physics; Wolfson College;

PREVIOUS UNIVERSITIES:

École Polytechnique:
Diplôme d'ingénieur de l'É.P. (2005)
Universität Karlsruhe:
Vordiplom (2002)

After having studied 2½ years in Germany and 2½ years in France, I am excited about the upcoming time in England. The Gates Cambridge Scholarship will allow me to study in one of the world's most famous physics departments. Being part of the

Gates Scholars community will give me the possibility to meet interesting and diverse people from all around the world.

INTERESTS:

I enjoy all kinds of sports (fencing, tennis, basketball, ...), travelling, and languages (right now I am working on Portuguese).



**Ms Lina Onile
Sestokas**
United States

COURSE IN CAMBRIDGE:

MPhil in Biological Sciences; Emmanuel College

PREVIOUS UNIVERSITIES:

Harvard University

I graduated from college in the spring of 2005 (B.A. in Psychology from Harvard University) and spent the summer after graduation working as a summer camp counselor in Michigan and traveling. At Cambridge, I will be studying face-recognition deficits in the Experimental Psychology Department's MPhil program.

INTERESTS:

Intraoperative neurophysiological monitoring, face-recognition deficits, reading, dancing, traveling, snowboarding, Lithuanian cultural activities.



Ms Leda Smith
United States

COURSE IN CAMBRIDGE:

MPhil in Quaternary Science; Newnham College

PREVIOUS UNIVERSITIES:

Middlebury College

Hello all. Graduated from Middlebury College in Spring 2002 with a degree in Environmental Studies and Northern Environments and have spent the years since then and before Cambridge organic farming in New York and Alaska and doing conservation work in Southwest Madagascar. I plan to look at the

paleoecology of Beringia, specifically the botany, at the end of the last ice age in hopes of learning its effects on all of the other interrelated systems in place at the time.

INTERESTS:

Hiking, climbing, walking, arctic/alpine botany, SCUBA, poetry, farming.



Ms Erin Snider
United States

COURSE IN CAMBRIDGE:

PhD in Social and Political Sciences; Trinity College

PREVIOUS UNIVERSITIES:

MSc, School of Oriental and African Studies (SOAS)
BA, James Madison University

I'm really excited to begin doctoral studies at Cambridge to continue my research on the intersection of politics and economics in the Middle East, specifically in Egypt and Iran. I am particularly interested in examining political change, democratization and economic reform broadly and in relation to the Middle East and Asia. After finishing my degree, I hope to work on democratic governance

and poverty reduction programs with the UN or an NGO focusing on these areas in the region.

INTERESTS:

I've always been fascinated by politics and international affairs, particularly Middle Eastern and Central Asian politics. I'm also interested in sustainable development issues, and humanitarian demining after working on the landmine issue for several years. Other interests include photography, music, travel, cooking (noble attempts at it anyway!), writing, films (especially Bollywood), and copious amounts of coffee.

2005–06



**Ms Buntarika
Somboonsub**

Thailand

COURSE IN CAMBRIDGE:

Master of Law; Trinity Hall

PREVIOUS UNIVERSITIES:

Chulalongkorn University, Thailand

INTERESTS:

Reading (of course, not a law textbook),
swimming (as long as it's warm)

I'm definitely sure that our friendship will last even we will be in different part of the world!



**Mr Spyridon
Sotiriadis**

Greece

COURSE IN CAMBRIDGE:

Certificate of Advanced Study in Mathematics;
Robinson College

PREVIOUS UNIVERSITIES:

University of Athens

INTERESTS:

Music, computers, cycling, painting.

I am interested in studying Quantum Field Theory, especially String Theory which is the most promising theory for the unification of gravity and all the other forces of nature. My intention is to participate in the endeavour of mankind to understand nature and find the fundamental principles governing it.



**Ms Uta
Katharina
Staiger**

Germany

COURSE IN CAMBRIDGE:

PhD in European Literature (Dept. of German);
King's College

PREVIOUS UNIVERSITIES:

University of Cambridge:
MPhil European Literature (2002)
University of Edinburgh:
MA (Hrs.) English Literature (2001)

INTERESTS:

Languages, travel, sports, cultural management,
policies & cooperation.

Drawing both on my studies and my professional experience at an agency for international cultural cooperation, my PhD will focus on the nexus of citizenship, culture and urbanity. I will analyse diverse media from performance over architecture and digital art to critical thought, in order to research how they renegotiate contemporary urban spaces. Ultimately, it may lead to an analysis of the mechanisms of exclusion, hospitality and communication at work in European cities.



**Mr Oliver
Stegle**

Germany

COURSE IN CAMBRIDGE:

PhD in Physics; St. Edmund's College

PREVIOUS UNIVERSITIES:

University of Freiburg
Swiss Federal Institute of Technology

INTERESTS:

Music (playing guitar), sports (skiing, squash, ...),
travelling and any kind of social activity :).

I get excited where Physics meets other fields. I want to work on a machine learning approach of Bio Informatics which allows to combine Physics and Mathematics with life science.

2005–06



Ms Federica Sulas

Italy

COURSE IN CAMBRIDGE:

PhD in Archaeology; Gonville & Caius College

PREVIOUS UNIVERSITIES:

University of Cambridge, MPhil (2005)
Istituto Universitario Orientale di Napoli,
BA (Hons.) (2003)

I intend to pursue a PhD in Geoarchaeology. My goal is to investigate the landscape history of the Aksum region, northern Ethiopia, and to examine the human-environment relationship through a long-term perspective. I see my

research placed within a broader trend which explicitly aims to contribute through the archaeological data to help inform contemporary debates regarding risk assessment and sustainable development in Africa.

INTERESTS:

Swimming, snorkelling, scuba diving, travelling... long-lasting dinners with old friends.



Mr Danu Suwatchara

Thailand

COURSE IN CAMBRIDGE:

MPhil in Advanced Chemical Engineering;
St Edmund's College

PREVIOUS UNIVERSITIES:

I plan to complete my MPhil in Advanced Chemical Engineering Practise without having to extend it over to the next academical year. Meanwhile, I would enjoy and cultivate much experience from the vast spectrum of extra-cirricular activities and the rich culture, uniquely present in Cambridge. I am a member of the Graduate Christian Union, Thai Society and St.Edmund's Music Society, and plan to participate actively.

INTERESTS:

Playing the classical guitar
Listening to music
Reading comics
Computer games
Football



Mr Alireza Taheri

Canada

COURSE IN CAMBRIDGE:

PhD in History and Philosophy of Science;
Darwin College

PREVIOUS UNIVERSITIES:

University College London
University of Essex
University of Toronto

The focus of my PhD will on the origins of the feeling of guilt. I will look at this question from philosophical and psychoanalytic sources mainly in the works of Nietzsche, Freud and Lacan. After I complete my research I would like to pursue a career as a university

professor as well as a psychoanalyst where I can put my acquired knowledge to use in helping others.

INTERESTS:

Psychoanalysis Philosophy Chess Math/ Logic puzzles Running, Cycling, swimming Yoga.



Mr Robert Tonita

Canada

COURSE IN CAMBRIDGE:

PhD in Control Engineering; Hughes Hall

PREVIOUS UNIVERSITIES:

University of Waterloo
Applied Science

My area of study is control theory, my research is motivated by finding pragmatic results that lend themselves to applications for mainly engineering systems but also interdisciplinary fields such as biology and economics.

INTERESTS:

Sports, politics, people and travel.

2005–06



**Mr Laur
Vallikivi**

Estonia

COURSE IN CAMBRIDGE:

PhD in Polar Studies; King's College

PREVIOUS UNIVERSITIES:

University of Tartu, Estonia
MA 2004 in Ethnology
BA 2001 in Ethnology

I am doing a PhD in Polar Studies with a focus on the religious conversion of Arctic reindeer-herders in Russia. While in Cambridge, I hope to develop my expertise in social anthropology for contributing to the development of the discipline at home.

In the long term perspective, I intend to work for the benefit of the northern indigenous communities by raising, through my research, such issues as human rights and sustainable development in the circumpolar areas.

INTERESTS:

Travel, hiking, cycling, swimming, animal ecology, art history.



**Mr Brady
Wagoner**

United States

COURSE IN CAMBRIDGE:

PhD in Social and Politic Sciences;
Corpus Christi College

PREVIOUS UNIVERSITIES:

University of Cambridge: MPhil
Clark University: BA (Phil and Psyc)

I am interested in how culture is transformed as it passes from one individual or social group to another (like the game of "chinese whispers") – e.g. why do two different societies remember the same news event in vastly different ways? I hope to better understand the social nature of mind and the fate of culture in a rapidly changing, global and technological world.

The culturally diverse and vibrant community at Cambridge will be the perfect place to pursue these issues.

INTERESTS:

The Appreciation of the Beautiful and the Absurd: Mountaineering, travel, art, architecture, philosophy, literature (especially with existential overtones), comparative religion, evolutionary theory, good conversation.



**Ms Kuenga
Wangmo**

Bhutan

COURSE IN CAMBRIDGE:

MPhil in Archaeology; Fitzwilliam College

PREVIOUS UNIVERSITIES:

Harvard College

With the presence of great understanding and freedom in us, we can embrace hardships countless times without fear. – Thich Nhat Hanh. Studying the past makes understanding the present easier. There is no excuse for ignorance and so I hope to learn the best I can while I am at Cambridge. My ultimate passion is

Archaeology and nothing would make me more happy than to finally carry out archaeological digs in my county.

INTERESTS:

Reading, Archaeology and Living. I also like playing basketball, doing yoga, travelling and political science.



Ms Anke Weber
Germany

COURSE IN CAMBRIDGE:

PhD in Economics; Emmanuel College

PREVIOUS UNIVERSITIES:

University of Cambridge, MPhil Economics
University of Cambridge, BA Honours Economics

My choice to undertake a PhD in monetary policy is due to my deep interest in the subject and to my future career plans: Upon graduation, I would like to pursue a career as a professional economist in a central bank, such as the European Central Bank. A PhD in monetary policy will equip me with the

necessary knowledge, which I hope to be able to use eventually to contribute to the further development of a unified Europe.

INTERESTS:

Rowing, tennis, skiing and playing the piano.

2005–06



**Ms Rebecca
Wexler**

United States

COURSE IN CAMBRIDGE:

MPhil in History and Philosophy of Science;
Wolfson College

PREVIOUS UNIVERSITIES:

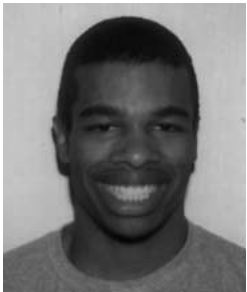
Harvard University

Born New Haven, CT 1983. In high school, I played the violin and studied classical and jazz music. 2005 BA summa cum laude from Harvard University in Studies of Women, Gender, and Sexuality and History and Science. My research focused on the history of the sociobiology debates in the 1970s. I also studied film and video, interning with filmmaker

Richard Leacock. My most recent video, “Dune Country,” is an ethnographic documentary about squatters living in shacks on the beach.

INTERESTS:

My primary academic interest is to investigate the intersections of science and film. Additionally, I am interested in documentary and other film more broadly. I also enjoy playing the violin. I love classical, jazz, and klezmer music as well as running, swimming, yoga, and cycling.



**Mr Jerrell
Whitehead**

United States

COURSE IN CAMBRIDGE:

MPhil in Economic and Social History;
King’s College

PREVIOUS UNIVERSITIES:

Yale University
University of Washington (transfer)

With my entrance into Cambridge and King’s College, my goal for the immediate future is to study obesity and health policy with regard to the minority populations of England. Much like the United States, the obesity epidemic is a severe and growing problem, which makes research on this matter of the highest importance.

INTERESTS:

Dancing, Banana Pancakes, Oatmeal, Bodybuilding, College football, Fine timepieces, Disney movies, Discussing the business of Hollywood, Arguing over sports, FIFA World Cup on Gamecube.



**Mr Diego
Winkelried**

Peru

COURSE IN CAMBRIDGE:

PhD in Economics; St John’s College

PREVIOUS UNIVERSITIES:

MPhil Economics, University of Cambridge
BA Economics, Universidad del Pacífico, Lima-Peru

My deep interest in social behaviour together with the fact that I come from a developing country, led me to enquire about the ways to overcome the barriers to improve living standards. Realising that economic reasoning helps greatly to solve this puzzle, I decided to pursue a career in Economics. Thanks to the Gates Cambridge Trust I have now the

opportunity to refine and expand my expertise on development economics for policy design and to learn among colleagues from a wide cultural spectrum.

INTERESTS:

Economics; Music (Classic rock, latin jazz); Travelling.



**Ms Xiaomin
Zhu**

China

COURSE IN CAMBRIDGE:

PhDPg in Engineering; Magdalene College

PREVIOUS UNIVERSITIES:

Tsinghua University
BSc, MSc (Electrical Engineering)

Furthering study in my chosen field up to the most advanced level is the best option and a worthwhile move in my path towards a career in engineering research. I hope that through my studies at Cambridge I can step by step reach the summit of my professional career.

INTERESTS:

Travel, swimming, badminton, film, cooking.

Countries of origin of current holders of Gates Cambridge Scholarships:

Algeria	1	Lebanon	1
Argentina	3	Malaysia	2
Australia	10	New Zealand	3
Austria	1	Nigeria	2
Bhutan	1	Peru	1
Brazil	1	Philippines	2
Cameroon	2	Poland	2
Canada	8	Romania	2
Chile	1	Russia	2
China	8	Singapore	2
Colombia	1	South Africa	6
Czech Republic	1	Spain	1
Denmark	2	Sri Lanka	3
Ecuador	1	Sudan	1
Estonia	1	Sweden	2
France	2	Syria	1
Germany	20	Thailand	3
Ghana	1	The Netherlands	1
Greece	4	Turkey	2
Hong Kong	1	Ukraine	1
India	14	USA	69
Iran	1	Vietnam	2
Ireland	3	Yugoslavia	1
Italy	5		

The following scholars remain in residence in Cambridge during 2005-06

Mr Salman Ahmed, Christ's College, Economics; Mr Michal Branicki, Mathematics; Mr Alessio Ciulli, Wolfson College, Chemistry; Mr Kristopher David Coventry, Chem Engg; Mr Timothy John Deegan, Computer Sci; Ms Julia Rebecca Forman, Magdalene College, Chemistry; Ms Sally Louise Gras, Trinity College, Physics; Mr Iman Singh Gurung, Physiology; Mr Xiaobing Hu, Downing College, Mat Sci & Met; Mr Matthew Henry Hutchinson, Chem Engg; Mr Yi Shin Lee, Trinity College, Chinese Studies; Mr Sean McHugh, St John's College, Chemical Engg; Mr Antonios Pantazis, Churchill College, Anatomy; Miss Hoai Julie Pham, Pembroke College, Hist Studies; Ms Militsa Justine Plavsic, Zoology; Mr Zoltan Radnai, Physics; Mr Walter Herbert Werner Rentzsch, Gonville & Caius College, Engineering; Mr Colin Andrew Russell, Queens' College, Zoology; Ms Urbasi Sinha, Queens' College, Mat Sci & Met; Mr Jeffrey M Skopek, Queens' College, Hist&PhilSciMed; Mr Christopher Wiremu Roy Tooley, Girton College, Education; Mr Murali Karthick Vadivelu, St John's College, Protein Engg; Mr Jimin Yu, Magdalene College, Earth Sciences.

The following Gates Scholars have completed the tenure of their scholarship:

Mr Rashad Abbasov, Wolfson College, Int Relations; Mr Hisham Abu-Rayya, Wolfson College, Soc & Pol Sci; Mr Matthew Richard Adams, Pembroke College, Engineering; Miss Wendi Jill Adelson, Hughes Hall, Int Relations; Mr Harish Agarwal, Churchill College, Physics; Ms Heather Dawn Agnew, Girton College, Chemistry; Ms Sinead Agnew, Pembroke College, Econ & Soc Hist; Mr Antonio Alberola Catalan, Wolfson College, Chemistry; Mr Gil Alexandrowicz, Gonville and Caius, Physics; Mr Michael Andrew Anderson, Corpus Christi College, Archaeology; Mr Shahzad Mumtaz Ansari, St Edmund's College, Mngmnt Studies; Ms Nuschin Arbabzadah, Pembroke College, Oriental Studs; Mr Nathan Todd Arrington, Peterhouse, Classics; Ms Abena Asante-Poku, Magdalene College, BioSci Entprise; Mr Andrew David Charles Ashcroft, Wolfson College, Engineering; Mr Chiraag Bains, King's College, Crim Research; Miss Liliya Talgatovna Bakiyeva, New Hall, Surgery; Mr Louis Angelo Ballezzi, Churchill College, BioSci Entprise; Mr David Bard, Christ's College, Econ & Dev; Miss Lina Maria Barrera, Trinity Hall, Environ & Dev; Mr Ankur Barua, Trinity College, Divinity; Ms Nicole Elaine Basta, Homerton College, Epidemiology; Ms Amy Elizabeth Bates, Queens' College, Econ & Dev; Mr Matthew Baumgart, Trinity College, Mathematics; Ms Anna Bayona Font, Girton College, Economics; Mr John Andrew Becker, Corpus Christi College, Earth Sciences; Mr Moritz Yury Wing-Yan Becker, Trinity College, Computer Sci; Mrs Jessica Faith Beckett, Darwin College, Archaeology; Miss Tanweer Beileil, St Edmund's College, Medical Science; Mr Sean Lawrence Aristotle Bennett, Wolfson College, Musicology; Mr Vitor Bernardo Bernardes Pinheiro, Churchill College, Biochemistry; Mr Alexander Justin Bernhardt, Darwin College, Mngmnt Studies; Miss Anne Louise Berry, Wolfson College, Economics; Mr Elvis Beytullayev, Wolfson College, Int Studies; Mr Mohit Shankar Bhende, Trinity Hall, Economics; Ms Jovonne Juanita Bickerstaff, St John's College, Social and Developmental Psychology; Mr Daniel Moffett Birdwhistell, St Edmund's College, Education; Mr Edward Joseph Blocher, Jr, Trinity Hall, Land Economy; Miss Rachel Anne Bortnick, King's College, Biological Sci; Mr Julien Bourdeau, Queens' College, Tech Policy; Ms Laura Garrison Bradford, Peterhouse, Med & Ren Lit; Mr Ryan Brandau, Jesus College, Musicology; Ms Angela Breitenbach, King's College, Hist&Phil ofSci; Mr George Alexander Bremner, Gonville & Caius College, History of Art; Mr Peter Brereton, St Edmund's College, Natural Science; Mr Luis Briseno-Roa, Gonville & Caius College, Chemistry; Mr Stijn Broecke, Corpus Christi College, Dev Studies; Mr Nicholas Torleiv Bronn, Churchill College,

Mathematics; Mr Joseph Mark Brown, Trinity Hall, Environ & Dev; Miss Esther Marcella MacLeod Bulloch, Christ's College, Chemistry; Ms Jessica Bulman, Clare Hall, American Lit; Mr Thomas Buttler, Pembroke College, Chemistry; Miss Fatema Caderbhoy, Jesus College, Law; Mr Joseph Robert Califf, St Edmund's College, Biological Anth; Mr Matei Candea, Emmanuel College, Social Anth; Miss Daniela Canestrari, Emmanuel College, Zoology; Mr Rodrigo Ernesto Caputo, Churchill College, Economics; Ms Cynthia Marie Carver, Queens' College, Mathematics; Ms Eva Casal, St John's College, Biochemistry; Miss Amanda Casto, Darwin College, Genetics; Mr Nilanjan Chakraborty, Trinity College, Engineering; Mr Khai Leok Chan, Peterhouse, Chemistry; Mr Pak Ho Chan, St Edmund's College, Chemistry; Miss Malavika Chandra, St Edmund's College, Natural Science; Mr Daniel Choate, Queens' College, Economics; Mr Semil Choksi, Churchill College, Biological Sci; Mr Zachary David Clopton, Clare College, Int Relations; Miss Amanda Codd, Trinity College, Brain Repair; Mr David Conlon, St John's College, Mathematics; Ms Julie Harkness Cooke, Magdalene College, Law; Ms Kathleen Helen Corriveau, Darwin College, Education; Mr Debajyoti Datta, Sidney Sussex College, Biological Sci; Mr Joshua Davidson, Darwin College, Computer Sci; Mr Martin Henry Dawidowicz, Trinity College, Law; Mr Stijn Maria Albert De Schepper, Wolfson College, Geography; Mr Eli Louis Diamond, Darwin College, Hist&PhilSciMed; Mr Brian Michael Dillon, Darwin College, Economics; Mr Alexander Domin, Emmanuel College, Chemical Engg; Miss Kateri F DuBay, Peterhouse, Chemistry; Mr Robert Bela Dudas, Robinson College, Psychiatry; Mr Yaacob Dweck, St John's College, Hist Studies; Miss Caroline Maria Sofie Ekblad, Trinity College, Chem Biology; Mr Mohammed Samir El-Bachir, Churchill College, Chemical Engg; Ms Julie Claire Elkner, King's College, History; Ms Katherine Epstein, Pembroke College, Int Relations; Miss Isil Erol, Downing College, Land Economy; Mr Pierre Far, Magdalene College, Genetics; Miss Ila Fazzio, King's College, Biological Anth; Mr Patricio Andres Feres, Churchill College, Economics; Miss Liyanage Sharmalee Fernando, Churchill College, Vet Science; Mr Oliver Fischer, Peterhouse, Mngmnt Studies; Mr Gavin Foh, Churchill College, Engineering; Miss Katherine Elizabeth Folz, St John's College, Chemistry; Ms Linet Frey, Sidney Sussex College, Eng & App Ling; Mr Ramon Galinanes Jr, Downing College, Education; Mr Rogelio Miguel Angel Galindo, Downing College, Soc & Pol Sci; Miss Hua Gao, Pembroke College, Chemical Engg; Mr Axel Gelfert, Wolfson College, Hist&Phil ofSci;

Mr Michael Aaron Geline, Churchill College, Mathematics; Mr Nathan Darden George, Emmanuel College, Mathematics; Miss Jennifer Marie Gibson, Sidney Sussex College, Int Relations; Miss Aubrey Lynn Gilbert, Wolfson College, Natural Science; Ms Dehn Wolcott Henry Gilmore, Trinity College, European Lit; Ms Rachel Faye Giraudo, Peterhouse, Archaeology; Mrs Anna Gola, Darwin College, Economics; Mr Chad Ian Golder, Magdalene College, Int Relations; Ms Susanna Goldfinger, King's College, Med & Ren Lit; Ms Jessica Adrienne Grahm, Wolfson College, Cognition Sci; Mr David Anthony Green, St John's College, Criminology; Mr William James Greenleaf, Trinity College, Computer Sci; Mr Aaron Michael Gruber, Trinity College, BioSci Entprise; Mr Pierre Guillot, St Edmund's College, Mathematics; Miss (Ellen) Joanna Guldi, Trinity College, Geography; Ms Nilima Gulrajani, Trinity College, Mngmnt Studies; Miss Priyanka Gupta, St Edmund's College, Economics; Dr Sabine Elisabeth Hannema, Gonville & Caius College, Clin Medicine; Mr David Haskell, Queens' College, Architecture; Mr Francisco Gabriel Hernandez-Martinez, Churchill College, Engineering; Mr William Alan Hollingsworth, Clare Hall, Linguistics; Ms Susannah Lang Hollister, Robinson College, History of Art; Mr Yung-Gi Hong, Wolfson College, Economics; Miss Jennifer Ellen Ifft, Trinity Hall, Land Economy; Miss Ilina Koleva Iordanova, St John's College, Biology; Ms Jennifer Jennings, Hughes Hall, Education; Mr Teng Jiang, Wolfson College, Mngmnt Studies; Mr David Johnson, Selwyn College, Mathematics; Miss Amy Embury Jones, Christ's College, Engineering; Miss Mekondjo Kaapanda, Sidney Sussex College, Legal Studies; Mr Martin Leckson Kaonga, Fitzwilliam College, Geography; Ms Faye Sophia Karababa, Churchill College, Engineering; Mr Matyas Karadi, Girton College, Theo Physics; Mr Scott Matthew Katalenich, Pembroke College, Engineering; Mr Napoleon Katsos, Darwin College, Eng & App Ling; Mr Scott Kaufman, King's College, Biological Sci; Mr Hunter Dames Keith, Sidney Sussex College, Hist Studies; Mr Ryan Keller, St John's College, Int Relations; Ms Valerie Nicole Keller, Clare Hall, European Lit; Ms Ann Horton Kelly, St John's College, Social Anth; Miss Anna King, Trinity Hall, Criminology; Mr Christopher Michael Kirchhoff, Sidney Sussex College, Soc & Pol Sci; Mr Georg Stefan Wolfgang Klein, King's College, Engineering; Mr Per Oskar Klevnas, Girton College, Economics; Mr Jason Paul Kliever, St Catharine's College, Mngmnt Studies; Mr Gerrit Koorsen, Peterhouse, Biochemistry; Ms Amy Suzanne Kravitz, St Edmund's College, Clin Studies; Mr Fabre Andre Martin Lambeau, St Edmund's

- College, CompSp & LanPro; Mr Andrew Timothy Ferguson Lang, Trinity Hall, Legal Studies; Mr David Larkin, Christ's College, Music; Mr Scott Lee, Trinity College, Environ & Dev; Miss Ts'enolo Jane Lerotholi, St Edmund's College, Chemistry; Mr Ioannis Charalambou Lestas, Trinity College, Engineering; Ms Hilary Leigh Levey, Lucy Cavendish College, ModSoc & GITran; Mr Andrew Lin, Trinity College, Biological Sci; Mr Tun Lin, Peterhouse, Economics; Ms Bonny I Ling, Trinity Hall, Criminology; Miss Yingjie Liu, Newnham College, Biological Sci; Mr Tzu-Huan Lo, Wolfson College, Chinese Studies; Mr Kristof Madarasz, Jesus College, Pol Thought; Ms Vera Makarov, Pembroke College, History of Art and Architecture; Ms Meena Sudha Mallipreddi, Pembroke College, Tech Policy; Mr Peter Supiti Manasantivongs, Peterhouse, Linguistics; Miss Ornsaran Manuamorn, Hughes Hall, Int Relations; Ms Evi Margaritis, Darwin College, Archaeology; Mr Joseph Scott Markson, St Edmund's College, Chem Biology; Mr Roman Martinez, Trinity College, European Studs; Mr Henrique Martins, St Edmund's College, Mngmnt Studies; Ms Katherine Drew Marvel, Trinity College, Mathematics; Miss Anna Massiou, King's College, Musicology; Mr Michael Gordon Masters, Hughes Hall, Int Relations; Mr Mark Mathuray, Sidney Sussex College, English Lit; Mr Kevin Matulef, Churchill College, Mathematics; Miss Sanjana Mehta, Fitzwilliam College, Education; Ms Shefali V Mehta, Selwyn College, Econ & Dev; Dr Elena Menichelli, Magdalene College, Mol Biology; Miss Joannah Metz, Churchill College, Polar Studies; Mr Christopher Paul Michael, Churchill College, Physics; Mr Sunjay Vishal Mishra, King's College, Tech Policy; Mr Zerihun Mohammed, Wolfson College, Geography; Mr Joshua Michael Morhart, Peterhouse, Classics; Mr Arne Claudio Morteani, Wolfson College, Physics; Mr Enocent Msindo, Wolfson College, Hist Studies; Miss Kamalini Mukherji, St John's College, English; Mr Isaac Stone Nakhimovsky, King's College, Pol Thought; Mr Dhiraj Nayyar, Trinity College, Dev Studies; Mr Adam Benjamin Nebesar, Jesus College, Economics; Mr Mutevu Ngove, Downing College, Computer Sci; Miss Nadezda Novakovic, Christ's College, Eng & App Ling; Mr Alexander Nyren Nyren, Trinity Hall, Economics; Mr Daithi Tadhg O Cruaioich, Trinity College, Mathematics; Ms Eivor Marianne Debora Oborn-Barrett, Clare College, Mngmnt Studies; Ms Catherine O'Brien, Christ's College, Soc & Pol Sci; Ms Juliana Ochs, St John's College, Social Anth; Ms Elizabeth Margaret Markey O'Connor, Clare College, Philosophy; Mr Patrick John O'Reilly, Corpus Christi College, Law; Mr Sutayut Osornprasop, Corpus Christi College, Int Studies; Miss Geraldine Mary Parsons, Trinity College, Anglo Saxon; Ms Rena Chiman Patel, Hughes Hall, ModSoc & GITran; Mr Amol Pawar, Hughes Hall, Biochemistry; Mr Stephen Stuart Lyman Peppin, Trinity College, Applied Maths; Mr Robert Kirby Perrons, Fitzwilliam College, Engineering; Mr Dimitrios Petousis, St John's College, Engineering; Ms Darci Phillips, Trinity Hall, BioSci Entprise; Mr Edoardo Piano, St Edmund's College, Mech Engg; 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Ms Kristin Davis Rule, Churchill College, Mats Modelling; Ms Antonia Margarete Ruppel, Newnham College, Classics; Mrs Oksana Ruzak, St John's College, Engineering; Mr David Cotter Rybicki, Trinity Hall, European Lit; Miss Nuria Victoria Sanchez Puig, Gonville & Caius College, Chemistry; Mrs Claudia Yamile Sanhuesa Riveros, Churchill College, Economics; Mr Sovan Sarkar, Hughes Hall, Medical Genetic; Miss Emma Jane Sayer, Trinity Hall, Plant Sciences; Mr Ronald Joseph Scalise Jr, Trinity College, Law; Ms Sandra Patricia Mary Scanlon, Peterhouse, History; Ms Dana Michel Scardigli, Trinity College, European Studs; Miss Bridgitte Bess Schaffer, Girton College, Anglo Saxon; Miss Birke-Siri Scherf, Gonville & Caius College, History of Art; Miss Johanna Pembrook Schmidtke, Churchill College, Physics; Mr Alan Evan Schoenfeld, Clare Hall, Education; Mr Jonathan Schoenfeld, Churchill College, Biological Sci; Mr Daniel Christopher Schuldes, Trinity Hall, Economics; Mr Joel Schumacher, Darwin College, Int Relations; Miss Anne Friederike Schunck, St John's College, Theo Physics; Mr Lane Oscar Schwartz, Churchill College, CompSp Txt & IT; Ms Robyn Scott, St Catharine's College, BioSci Entprise; Mr Alankattuputhur Natesan Senthil Kumar, Trinity Hall, Plant Sciences; Miss Bedra Sharif, Lucy Cavendish College, Genetics; Miss Albina Shayevich, King's College, Soc & Pol Sci; Miss Lishan Shi, St John's College, Economics; Mr Jay Saul Silver, Churchill College, CompSp Txt & IT; Ms Anna Silverstein, King's College, Classics; Mr Khe Chai Sim, Churchill College, CompSp Txt & IT; Mr Aninda Sinha, Gonville & Caius College, Theo Physics; Miss Wilatluk Sinswat, St John's College, Land Economy; Mr Nikolai Ilya Slywka, Pembroke College, English; Ms Hilary Allester Soderland, Pembroke College, Archaeology; Ms Elizabeth Alexis Sowers, St John's College, ModSoc & GITran; Miss Jessica Lyn Stebbins, Peterhouse, Econ & Soc Hist; Ms Robin Stephanie Stein, Churchill College, Chemistry; Miss Astrid Maria Swenson, St John's College, History; Miss Simoni Symeonidou, Darwin College, Education; Mr Bartlomiej Michael Julius Szewczyk, Trinity Hall, Int Relations; Miss Natasha Telyatnikova, St Catharine's College, Immunology; Mr Arasanathan Thayanathan, Jesus College, Engineering; Mr Benjamin Jason Thomas, Christ's College, Crim Research; Ms Susanna Anne Throop, Trinity Hall, History; Mr Indrasenan Thusyanthan, Girton College, Engineering; Ms Sarah Tierney, Lucy Cavendish College, Dev Studies; Miss Olga Rita Maria Tribulato, Pembroke College, Classics; Mr Petri Tuomola, Queens' College, Finance; Ms Tatiana Tzoulia, Pembroke College, Economics; Mr Andres Vallejo, Churchill College, Geography; Mr Peterjan Van Nieuwenhuizen, Pembroke College, Mathematics; Mr Matthew David Varelek, Queens' College, Environ & Dev; Mr Marko Velic, Churchill College, Physics; Ms Julie-Ann Vickers, Clare Hall, History; Mr George Vogiatzis, Trinity College, Engineering; Miss Marissa Aileen Wagner, Hughes Hall, Biological Sci; Ms Cara Michel Wall, St Edmund's College, Biological Anth; Mr Darragh Matthew Walsh, St John's College, Mathematics; Mr Patrice Koye Fa Wan Hok Chee, Trinity College, Finance; Miss Yalan Wang, Christ's College, Engineering; Mr Caleb Edwin Ward, Corpus Christi College, Medicine; Mr Jeremiah Joseph Wathen, Peterhouse, Physics; Mr Aaron James Weinstock, Trinity College, Philosophy; Mr Wim Weymans, Gonville & Caius College, Pol Thought; Mr Greg Jeffrey Williams, Churchill College, Chemistry; Mr Jason Douglas Williams, Churchill College, Engineering; Mr Joel Steven Willis, Darwin College, Crim Research; Mr Jeffrey Lawrence Witsoe, Clare Hall, Social Anth; Mr Mattias Norbert Rudolf Wohlfarth, Trinity College, Theo Physics; Miss Katherine Wong, St Catharine's College, Adv Chem Engg; Ms Melanie Wood, Trinity College, Mathematics; Ms Anke Dagmar Wurzbacher, Darwin College, Land Economy; Miss Ju-Huei Steffi Yang, Trinity College, Economics; Mr Charles Amo Yartey, Hughes Hall, Economics; Miss Rida Zaidi, Wolfson College, Economics; Miss Yingqin Zheng, Lucy Cavendish College, Mngmnt Studies; Mr David Eric Zipper, Queens' College, Plan,Gr & Regen; Mr Benjamin Isaac Zwiebel, Churchill College, Mathematics.

Gates Scholars' Society: Officers of the Council 2004–05

The Gates Cambridge Scholars' Society includes and represents all Gates Scholars, past and present. The members of the Society who are current students at the University of Cambridge and who hold a Gates Cambridge Scholarship may elect from among their own number a Council of the Gates Scholars' Society. The purpose of the Council is to further the interests of the Trust and to work with the officers and the membership to develop and promote an international network of Gates Cambridge Scholars. The Officers of the Council for the period 2004-05 are listed below. Elections are held every year and the new Council members will take up their posts in late October 2005.



Moncef Tanfour
Chair



Michael Motto
Secretary



Ning Zhang
Treasurer



Paul Franklyn
Technology Officer



Tim Deegan
Technology Officer



Anand Jeyasekharan
Social Subcommittee



Ro Wickramasinghe
Social Subcommittee



Amy E. Rowe
Internal Liaisons



Mamta Thangaraj
Internal Liaisons



John Prendergast
External Liaisons



Rita Monson
External Liaisons



Ryan Scott Keller
Alumni Subcommittee



Su-Yin Tan
Alumni Subcommittee

Gates Scholars' Society: New Officers of the Council 2005–06



Michael Motto
Chair



Rita Monson
Secretary



Steven Kreeger
Treasurer



Towfique Raj
Technology Officer



James Park
Technology Officer



Rebecca Jones
Internal Officer



Erin Snider
External Officer



Sarah van Mastrigt
Alumni Officer



Daniel DiCenso
Alumni Officer



Kamiar Mohaddes
Social Officer

Gates Scholars' Society: Alumni Association

Past Gates Scholars become members of the Alumni Association that forms an integral part of the Gates Scholars' Society. The Alumni Association will keep those who have already completed their time in Cambridge in touch with each other and with future classes. Dr Johnson has asked four scholars from the inaugural year to help with setting up this organisation: Alex Bremner ('01), Pierre Far ('01), Jennifer Gibson ('01) and Andrew Robertson ('01). Over the next year, these four will work with the Trust, the Scholars' Council and Alumni from all over the globe to design a formal structure for the organisation, ensure accurate contact information is on record for each scholar, plan alumni activities and contribute an Alumni perspective to the current bi-annual scholar newsletter. Most importantly, they will work to ensure that every Alumnus feels as much if not more a part of the Gates community after they leave the walls of Cambridge as they did while they were here with the aim of building a strong and lasting network of future leaders who will work to address many of the global problems, such as health, equity, technology and learning, with which the Bill and Melinda Gates Foundation is deeply engaged.



Jennifer Gibson



Pierre Far



Alex Bremner



Andrew Robertson



Gates Cambridge Trust
Gates Cambridge Scholars 2005

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