

Research Authors

Author Biographies



Hilary Burbank

Hilary Burbank is a senior double majoring in German studies and psychology, with a specialty in the mind, culture, and society track. Since coming to Stanford, she has spent seven months in Germany, during which time she conducted the research reported here with the sponsorship of Professor Amir Eshel and guidance of Professor Wolf Junghanns. In the fall of 2002, she presented the preliminary findings in a talk at Stanford's Symposium of Undergraduate Research in Progress. She helped found Stanford's Unitarian Universalist student fellowship, and especially enjoys Emerson, Kierkegaard, and other Existentialists. In addition to being elected early to Phi Beta Kappa, she's a President's Scholar and member of Cap and Gown as well as Psi Chi. She's currently serving her third year as a resident writing tutor while finishing up honors theses in the German and psychology departments with the help of Professor Hazel Markus. After spending the summer catching up on sleep, she will spend next year in Berlin on a Fulbright scholarship, then head to graduate school in social psychology. Mentors: Professors Wolf Junghanns, Amir Eshel, and Hazel Markus



Mark J. Dominik

Mark Dominik, originally from Homewood, Illinois, is currently a Junior majoring in Italian and pursuing a minor in Latin. While at Stanford, he received the President's Award for Academic Excellence in the Freshman year. Mark is actively involved with *The Stanford Daily*, and has served as Staff Development Coordinator, a News Editor, an Opinions Editor, and a member of the paper's Editorial Board. Mark has also served extensively on Faculty Senate committees while at Stanford, as a voting member of the Committee for Undergraduate Studies, Committee for Academic Appraisal and Achievement, and the Subcommittee on General Education Requirements. Last summer, Mark worked with the Stanford team of archaeologists excavating at Monte Polizzo in Sicily. In Winter quarter of this year, Mark studied at Stanford's Florence campus. This summer, he will be researching newspaper readership and freedom of the press for the World Association of Newspapers in Paris. He would like to thank Professor Carolyn Springer for help with the preparation of the English version of his paper for publication. Mentor: Brigitte Cazelles

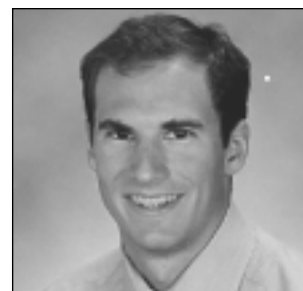


Becca Hall

Becca Hall is a senior who loves writing, reading and dreaming poetry. She is ostensibly an English major, but she actually studies poetry, agriculture, and anything else that has to do with people celebrating the earth. She spent last summer in fields of Queen Anne's Lace, and would like you to know that they truly do have tiny purple blemishes at the center of each flower.

Thomas Loverro

Thomas Loverro is a senior from East Hampton, NY. He is a Political Science major with a focus in International Relations and a History minor. His primary interests are business and government. He first became interested in legacy preference while attending St. Paul's School, a boarding high school in New Hampshire, which practiced the policy. Since writing this essay, Tom has contributed to a series of articles in *The Wall Street Journal* by Dan Golden, a former John S. Knight Fellow at Stanford, on the topic of legacy. Starting next year, Tom will be working for Goldman, Sachs & Co.'s Investment Banking Division in New York City. His career goals are to found his own business and to work in the Federal government to help achieve better educational equity. Tom is the President of the Stanford Windsurfing & Kitesurfing Club, a Political Science Peer Advisor, and on the Sixth Man Committee. Tom would like to thank Professor Rob Reich for all of his invaluable contributions and editing. Mentors: Rob Reich, Jon Reider, and Jean Fetter Chu



Emily J. Ma

Emily Ma hails from Vancouver, Canada and is currently a senior pursuing the co-terminal program in mechanical engineering. She was connected with her research in the summer of 2001 after finding a photodocumentary on the Biomimetics Robotics Laboratory in the book "Robo Sapiens: An Evolution of a New Species". This research has given Emily the opportunity to dip her toes into all aspects of bio-inspired robotics - from building circuits and hacking code, to raising two live American cockroaches. Emily is currently very interested in expanding the realm of robust tactile sensing and feedback in mobile robotics. She has just co-authored her first conference paper on this subject for the International Symposium of Robotics Research. She will continue her research work under the auspices of Professor Mark Cutkosky (Stanford) and Professor Noah Cowan (Johns Hopkins) into her co-terminal year. Emily aspires to integrate her newfound interest in biology with her love of engineering in medical robotics. Outside of research, Emily is a Stanford Mayfield Fellow, Co-president of the Stanford Society of Women Engineers, and a student speaker and journalist for the Stanford Campaign for Undergraduate Education. She also has a penchant for working on fireworks shows, including the 2002 San Jose July the Fourth fireworks, and for dragonboating with her local team, Ripple Effect.



Bernardo Malfitano

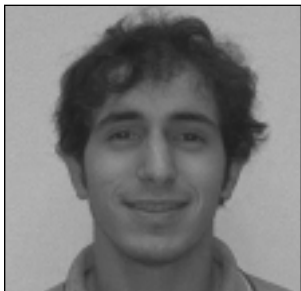
Bernardo Malfitano is a Junior majoring in Mechanical Engineering. Bernardo grew up in Brazil, and is an IB Bilingual Diploma graduate of The British School of Rio de Janeiro. A member of the Stanford Band, he is also in the Phi Kappa Psi fraternity, volunteers to teach and tutor middle- and high-schoolers at nearby schools, and participates actively in the Stanford social-dance community. He is an amateur airshow photographer, aspiring aviation artist, and passionate fan of all things aeronautical. He is currently teaching a high-school course he wrote and planned on the science and history of airplane design. Bernardo makes small scale aircraft models and flies larger ones, and is also a student pilot. In his plans is a Masters in Aeronautics. He has done aerodynamics research for Godfrey Mungal and Mark Cappeli over the summer of 2002, and will do so again this coming summer. Bernardo has been an avid video gamer since he was 5, and during his early adolescence became interested in the culture and technology of video games. At Stanford, this naturally led him to Professor Henry Lowood's class on the history, culture, business and design of videogames. The initial version of this paper was written for Professor Lowood's class. It has since been much improved; pictures were added, and the paper was expanded, elaborated, and edited. Mentors: Henry Lowood, Rene Patnode





Anne Nguyen

Anne Nguyen is a senior from Redondo Beach, California. She has two loving parents, Mr. and Mrs. Trien and MyLinh Nguyen, and two brothers, Ray and Ron. Recently, she has completed her major in Human Biology, concentrating in the area of Cultural Impacts on Health. Anne will be graduating and getting married this June, and looks forward to attending UCLA Medical School in the fall. During the summer of 2002, Anne spent two months studying abroad in Ho Chi Minh City, Vietnam, where she conducted her research. She wishes to extend a special thanks to her Vietnamese friends, Quoc Tram Nguyen and Ha Nghia, for their many hours of assistance in conducting and translating interviews at the Mental Health Center. Mentors: Narquis Barak; Dr. Rona Hu, M.D., Dr. William Hurlbut, M.D.



Andrei Pop

Andrei Pop was born in Bucuresti, Romania, in June of 1981, and came to the United States with his parents and baby sister ten years later. He attended middle school in Los Angeles, moved to the San Fernando Valley for high school, and now lives (when he is at home) in Orange County; this sequence of habitation has instilled in him an appreciation for the diversity of Southern California living. He is now a senior at Stanford, majoring in Art History with a minor in Computer Science.



Casey Riffel

Despite the effort he invested in resisting the temptations of Instant Messaging, Casey Riffel admits that this paper provided a convenient excuse to budget time for chatting online. Currently a sophomore at Stanford University, he tries to remain eclectic, thus majoring in Interdisciplinary Studies in the Humanities. Originally from Snohomish, Washington, he prefers to be where the Pacific Ocean is never more than a short drive away. The summer after freshman year, he participated in Stanford's Summer Research College, working with Sociology Professor Doug McAdam on his study of the Teach For America program and its effect on civic participation. Although he is cultivating an attraction to the social sciences, Casey's primary passions remain literature and creative writing. His academic interests include the theory and practice of prose fiction, gay and lesbian studies, and theories of the modern metropolis. A creative writer since his pre-teen years, Casey is involved with *The Mind's Eye* literary magazine, which he hopes to serve as Editor-in-Chief next year. Somewhere down the line, he hopes to find himself teaching literature at a university not very far from the ocean. He also regrets that Stanford does not allow undergraduates to have cats in their dorms. His mother and father are the best things that ever happened to him. Mentors: Professor Paul Robinson, History; Dr. Suzanne Greenberg, SLE



Alexander Robbins

Alex Robbins is a junior majoring in History and Economics, with a prospective minor in Physics. At Stanford he has participated in Mock Trial, Stanford in Government, and the Forum for American-Chinese Exchange at Stanford (FACES). He has also written for a number of publication including the *Stanford Review*, *Journal of International Relations*, and *Undergraduate History Journal*. Next year he will be on staff at the "Global Affairs" themed dormitory, and hopes after graduation to attend law school.

Jason Rosensweig

Born Bethesda, MD, Jason will graduate from Stanford in 2004 with a BA in Comparative Literature with Honors and an MA in French Literature. He was fortunate enough to participate on a Stanford archaeological dig at the Monte Polizzo site in Sicily, as well as to study abroad on the Stanford programs in Paris and Florence. This year, he was an undergraduate fellow at the Stanford Humanities Center, where he worked with Professor Amy Schmitter on sense perception, language, and representation in Descartes and Hobbes. He also received a Vice Provost for Undergraduate Education Faculty Grant to work with Professor Haun Saussy on the intersection of psychology, linguistics, and poetics in 19th and early 20th century France. After Stanford, he plans to go on to a doctoral program in Comparative Literature, where he will continue his studies in literature, philosophy, art, and history. In his undergraduate thesis, he will explore Western Cynicism and the novel between 1857 and 1939. His paper on Donatello and Ghiberti was written for Professor Timothy Verdon while on the Stanford program in Florence this past fall; he had the good fortune to study and enjoy these and other masters in situ, and with the peripatetic, wise, prophetic, inspiring bass of Professor Verdon as his guide.



Varun Saxena

Varun Saxena is currently a junior majoring in Chemistry with a minor in Economics. During his three years at Stanford, Varun has received several awards including the Stanford Chemistry Undergraduate Bing Research Fellowship. He has been active in a many roles on campus. Varun is currently the Head Peer Academic Coordinator (HPAC) in Twain House. In this position, he provides academic counseling for over 110 Stanford students. He is also currently the Public Relations Director of Shadowing for Clinical Opportunity and Pre-medical Experience (SCOPE). SCOPE is a program where Stanford students are given the opportunity to shadow Emergency Room doctors at El Camino Hospital. Recently, Varun was awarded the I.M. Kolthoff award. This award funded his travel to the American Chemical Society (ACS) 2003 Spring National Meeting in New Orleans where he presented a poster of his research. He has worked in neurobiology with Dr. Michael Sofroniew at UCLA as well as in analytical chemistry with Dr. Richard Zare at Stanford University. Varun hopes to attend medical school after his undergraduate career. He also wishes to thank his family and his friends for their continual support of all his endeavors.



Adam Tenforde

Adam Tenforde is a senior majoring in Human Biology. Next year, he will be completing a Masters of Science in the Biological Sciences Co-terminal program. He has competed on the Stanford Cross Country and Track and Field Teams throughout his time at Stanford, where he has been a three-time All-American and contributed to two National Championships. His academic interests include human and exercise physiology, sports medicine, and psychology. Research experiences include a three year internship at Battelle Northwest National Laboratory in molecular modeling as well as NMR of protein and DNA structures. Current research projects include hypoxia altitude study, sport psychology research, concussion recovery using fMRI as well as thermal regulation research, in which he received a URO Major Grant and is completing an honor thesis. Future aspirations include running professionally as well as medical school and/or completing a PhD program. Mentor: Professor H Craig Heller

