Life-Saving Gift

“As Hitler’s armies consumed ever larger portions of Europe in the late 1930s, the Philadelphia pharmaceutical company Sharp and Dohme was pressed to perfect techniques for freeze drying medical products,” explains C. Hilyard Barr, C’48. His father was superintendent of the company’s biological laboratories. The process had already been patented, but procedures for doing “lyophilization” efficiently and on a commercial scale had not been worked out. “Dad had a staff under his direction to develop the process, which took 10 years. He provided many innovations to freeze drying personally. The first successful commercial product was dried blood plasma, of which 15,000 packages were delivered to Great Britain during the Second World War.” Due to technical contributions provided by Stuart Mudd of Penn’s medical school and other faculty members, the University held one-third of the patent rights.

To honor his mother and father, Barr made a gift to the School of Arts and Sciences to name the Courtland H. and Edna Hurlock Barr Research Wing on the second floor of the new Carolyn Lynch Laboratory. Photos and some of the freeze-drying equipment developed by Barr’s father will be displayed there.

PARTNERS: A Big Deal Over Little Things

SAS dean Rebecca Bushnell and Eduardo Glandt, GCh’75, Gr’77, of Penn Engineering, are not your typical deans. “Although deans are very collegial,” observes Glandt, “deans going out into the street to raise money together is a breakthrough.”

Both schools have put nanoscience high on their priority list, and with two federally funded nanoscale research centers on campus — the Nano/Bio Interface Center and the Laboratory for Research on the Structure of Matter — there is already a lot of scholarly collaboration between them. “But a partnership in raising funds for a new building,” notes Bushnell, “sends an important message about how we’re going to move forward in pursuing President Gutmann’s vision of integrated knowledge at this University.”

Glandt explains that nanoscience, the study of minuscule phenomena and the creation of molecule-size devices, demands cleanroom facilities that are costly and rare — vibration free, dust and microbe free, temperature controlled and unaffected by electrical fields from nearby subways. The physicists, chemists, biologists and engineers who will work together in a nanoscale building would be able to share expertise, and the two schools will share the expense. That economy of scale is what’s sending Bushnell and Glandt into the street as collaborative fundraisers.

The new 80,000 square foot research-and-teaching facility they envision will stand on Walnut Street, just east of 33rd. It will have two cleanrooms and 15 laboratories as well as an auditorium, classrooms and offices. The two deans hope to start planning and design of the nanoscale building next year. “Our dream is to break ground in 2008,” Glandt says. “Science, in many fields, is on the brink of revolutionary discoveries,” Bushnell adds, “and nanoscience is going places we haven’t been before. We want to be part of it.”

Deans Eduardo Glandt and Rebecca Bushnell
Path Beyond Penn

It’s the old SAS career conundrum: Students in professional schools are on a well-defined career track, but arts and sciences majors (and their parents) often feel themselves on an unmarked trail whose destination is not always easy to see. “The idea that that’s OK is hard for students to accept,” says College dean Dennis DeTurck.

Parents Lisle and Rosyln Payne have funded a College Alumni Mentoring Series that will get undergraduates thinking early about how their educational experience fits into career planning. The gift provides for several mentoring lunches and dinners during the academic year when students can meet in groups and one-on-one with alumni who have been down the same path.

“Parents often find themselves not in a good position to advise a son or daughter on these issues,” Rosyln explains. “Getting them involved with people who have been down a career path that their children have an interest in can be really productive.”

The series will culminate in a Career Institute at the end of the spring semester, which will introduce about 30 freshmen and sophomores to strategies for job searches, interview skills, resume review, etiquette and other career tools. The institute will target minority and under-privileged students. DeTurck hopes the program will help “undergraduates to see that it’s possible to have a fulfilling existence and to eat three meals a day doing something that grows out of having been a liberal arts major.”

Cast Thy Bread Upon the Waters

When Bernice Green, CGS'00, GEd'06, graduated, her mother was 82 years old. Green was 53. “From the day the teacher told my mother I was college material, that's what she wanted for me,” says Green. “When I graduated, my mother told me it was the happiest day of her life. Bread Upon the Waters helped me — and my mother — realize a dream.”

Bread Upon the Waters is a unique program that gives full scholarships to women over the age of 30 who have financial need and the desire to complete an undergraduate degree through part-time study at Penn’s College of General Studies. Over the last year, five named scholarships were established to support Bread scholars. Gifts to create the endowed funds came from Kristine Billmyer, GrEd’90, Debra A. Carrier, Elin Danien, CGS’82, G'89, Gr'98, Joseph J. and Donna Nicoletti Ferrier, Par’09, and Helen P. and Richard E. Winston, G’48.

Billmyer, the associate dean for continuing education and executive director of the College of General Studies notes that “endowed Bread scholarships provide access for many outstanding students who would otherwise be unable to obtain a Penn degree.”

Danien, who founded Bread in 1986 and created a named scholarship this year, observes, “When I was at the age when most people go to college, I was totally focused on other things. It was only as a mature adult that I realized how important education was.” As an older student, she watched talented women struggling with family responsibilities as well as the financial burden of college. “I could see that there were women out there who were falling between the cracks and who deserved to be Penn students. The proof is that all of our 60 alumnae graduated at least a B average — 33 of them graduated with honors.”

To make a gift of any size to the Bread Scholarship Fund, contact Laura Weber at 215-898-5262 or lweber@sas.upenn.edu.
The Society of Arts and Sciences recognizes individuals who have enhanced the excellence of the School of Arts and Sciences by giving a gift of $100,000 or more over the last five years. Its members embody the spirit of the School with their dedication to achieving and maintaining distinction in the liberal arts. They demonstrate a unique awareness of the value of the School with their dedication to achieving and maintaining excellence. The School is proud to acknowledge these extraordinary donors.

Anonymous (13)
Annie Lee, C'69, and Tania Ahuja
Leonore Annenberg, Hon'65
C. Hilyard Barr Jr., C'48
Margaret K. and Michell J. Blutt, C'78
Robert A. Fox, C'52, and Penny Grossman Fox, Ed'33
Leonard Goldberg, W'55, and Wendy Goldberg, parents
Steven F. Goldstone, C'69
Martin D. Gruss, W'64
Mindy Halikman Heyer, C'79, W'79, WG'80, and Andrew Heyer, W'79, WG'80, parents
Stephen J. Heyman, W'59, parent
Florence and Herbert Irving, C'39, G'40
Elliot J. Jaffe, W'48, and Roslyn Jaffe, parents

Individual Members
Anonymous (13)
Sam S. Abbas, C'66
Harish Ahuja, parent
Sunita Ahuja
Vairam Alagappan, C'84
Edward Alosaic, Jr., C'53
Ralph D. Amado, professor of physics emeritus
Paul M. Arrouet, C'93
Jonathan M. Avnet, C'71
Bernard M. Axlerod, C'41, WG'43, parent
Jay G. Axierod, C'74, parent
Marcy A. Baas, C'77, and Scott A. Fisher, C'76, G'76, parents
Emilio Basini, C'71, W'71, WG'73, and Reina Marín Bassini, CW'72, GEd'72, parents
Grant G. Behrman, WG'77
Mathew R. Belzer, C'79, GEd'79, L'84, WG'84, parent
Robert L. Benz, C'74, and Marie Uberti-Benz, RES'82, parents
Jeffrey Berg, parent
Michael R. Berger, C'76, G'76
Dennis Berman, C'73, W'73, and Marcia Wishinsky, SW'78
James R. Bernam, C'88
Tracy Mangel Bernstein, C'88, and Adam Bernsten, W'85
Robert S. Blank, L'89, and Nancy L. Blank, parents
Allison Jane, C'61, and David Blitzer, W'93
Wendy Lynn Bloom, C'88
Amy M. Blumenthal, C'98
David Boies III
Kevin R. Brine, parent
Madeleine M. Brine, parent
Douglas A. Brown, WG'86, and Laura Gussow Brown, C'86
Kenneth L. and Shelley Browning, parents
Elie Jaffe Brownstein, BW'76, and Andrew R. Brownstein, C'75, WG'76, and Clifford N. Burnstein, C'70, G'71
Debra A. Carrier
Purnindu Chatterjee
Diana Cheng, BW'72
Yon K. Cho, W'84
Terence Chu, C'81, and Wendy Chung Chu, C'81, SW'83
Jim and Gal Citrin, PT'97
Scott S. A. Coby, W'77
Alfred and Doritte Cohen, parents
Betsy Z. Cohen, L'66, and Edward Cohen, C'39, L'65
Jonathan J. Cohen, G'90, and Martha Cohen, parents
Jonathan Z. Cohen, C'90
John T. Colas, W'84, and Doree Lee Colas, C'84
T. Scott Coleman, C'76, and Yasmine Zyne Coleman, W'76, parents
Bill Constantine, C'66, WG'66, and Maggie Constantine, parents
Elizabeth Yee Coons, C'98, and Theodore W. Coons Jr., ENG'98, W'98
Lynn Evans Coons, CW'72, and Theodore W. Coons, C'66, parents
Robert Cort, C'68, G'70, WG'74, and Rosalie Swedlin
Jerry M. Cudzil, C'97, and Lorie E. Roth, C'97, GEd'98
Michael I. Cudzil, C'97, and Nicole A. Cudzil, C'99
William L. Derby, C'61, WG'65, parent
Celia P. and Daniel E. Dosorsent, parents
Frederick E. Doucette III, C'75, parents
Joseph S. Doyle, C'61, parent
June T. Driscoll, C'86
James D. Dunning Jr., W'70, parent
David K. Dyer, W'81
Cynthia Frank Edelson, C'80, and David B. Edelson
Melissa Beth Eisenstat, C'34, G'88, WG'88
Bonnie Tannenbaum Esler, C'79, and Clifford R. Esler, W'79
Carol and Michael D. Ellis, C'66, parents
Matrice Ellis-Kirk, C'82
Andrew Ellner, W'79, and Jill Ellner
Tak H. Eng, W'78, G'78, and Anita P. Ho, W'77
Christopher E. Engel, C'81, and Lisa Merritt Engel, W'83
Gerald Entine, C'65, G'65, parent
Marjorie G. Ernest, CW'56
Edward J. Falk, W'66
Dwight R. Feinlos, W'60
Rose Felth
David B. Fenkell, W'81
Joseph J. and Donna Nicollari Ferrier, parents
Lori Fife, C'80, and Mark Fife, W'78, parents
Allison Schindovch Fisch and Steven Lloyd Fisch, C'86
Jay S. Fishman, W'74, WG'74, and Randy Fishman, parents
David N. Fischler, C'70, WG'76
Samuel C. Fleming
Leslie and Michael Fisch, parents
Denise Fodero, OT'78, and Frank P. DuFortone, W'77
Julie Hinds Franklin, C'87, and Martin Ellis Franklin, C'86
Amy and Tony Fromer, C'82
Sarah Wilder Fuller, CW'71, parent
Ellinor Collier Ganz, CW'35
Robert W. Gelfman, W'53
Dan and LaMar Goldenson, C'85, L'88, and Jeffrey Goldenberg
The Goldie Anna Charitable Trust
Joseph B. Goldsmith, C'92
John E. Golob, G'92
Claire Israel Gordon, W'64, and Ronald B. Gordon, W'64, parents
Judith S. Gordon, CW'71, A'92, C'91, and Sheldon S. Gordon, WG'59, parents
Stephen M. Gorn, C'84, parent
Jon Gray, C'82, W'82, and Mindy Gray, C'92
William H. Gray IV, C'94, and Jennifer Q. Gray
Hana and Marc R. Green, parents
Elise R. Greenbaum, WG'80, and William I. Greenbaum, Esq.
Barry S. Greene, W'67, parent
Miny M. and Drew R. Greenwald, C'71
Shirley Klotzbaugh Griffin, G'54, and William M. Griffin, W'52
Vicki Pariser Gross, W'87, and Michael Gross
The Grovenor and Belz Families
Virginia Steele Grubbs, CW'51, GEd'54
Henry B. Gutman, C'72, parent
John C. and Chara Cooper Haas
Leslie Halpern-Rogath, CW'73, and David Rogath, parents
Annette Quinn Halperin, C'88, and Joseph R. Halperin, C'87, W'87, L'87
Ted A. Hart, W'90, and Allisson Brody Hart, C'98
Edward T. Harvey Jr., C'71, WG'75