

## "Manokamana" Shapes Research

It didn't take long after graduation for Phillip Fearnside '69 to find his true calling. "I still remember when I learned the Hindi term 'manokamana' (meaning 'life wish')," says Fearnside.

"I was working in a remote village in northwestern India as a Peace Corps volunteer (from 1969–71)," says the CC biology graduate. "Like many volunteers, I had a strong desire to make the world a better place, especially the poorer parts of it."

Almost two decades later, Fearnside's "life wish" still shapes his biological career. Over the years, he's not only attacked the

global ecosystem's toughest questions, but also searched for socially relevant answers. In Brazil, for example, Fearnside not only studied the effect of tropical deforestation on the greenhouse effect, but also conducted extensive research on alternative forest crops — from rubber to nuts — that might ultimately help

stem tropical deforestation.

As a Guggenheim Fellow in 1988–89 and a Pew Scholar in conservation and the environment from 1990–95, he examines the environmental impact of World Bank

projects, particularly massive hydroelectric dams.

Underlying much of his research are some basic yet far-reaching questions:

Underlying much of his research are some basic yet far-reaching questions: How can the world's poor progress economically without destroying their sources of sustenance?

In eco-speak, this translates into "determining the carrying capacity," an issue that's fascinated Fearnside since his days in India where he advised officials on how to preserve the diversity of dwindling fish populations while maintaining a source of protein and cash for area fishermen.

"Much of my work is organized around the central goal of making human carrying capacity estimation a viable tool for development planning in the tropics," says Fearnside, who took up these questions again in 1972 after returning from India and enrolling at the University of Michigan (where he earned his master's degree and Ph.D.) There, Fearnside studied the human carrying capacity of the Osa Peninsula in Costa Rica and his projections eventually helped the government create the Corcovado National Park.

Since then, Fearnside has authored more than 100 publications on environment and development issues in China, Africa, Indonesia, Central America and South America. In 1986, he penned "Human Carrying Capacity of the Brazilian Rainforest" (Columbia University Press, New York).

For the last two decades, Fearnside has lived in and studied the Brazilian rainforest, working chiefly as a research professor in the Department of Ecology at the National Institute for Research in the Amazon in Manaus.

In 1989, he shared Brazil's "National Ecology Prize" for a book that studied sustainable development issues in the Brazilian state of Rondonia. His work there contributed to the creation in 1984 of Rondonia's Ouro Preto do Oeste Ecological Reserve.

- Malcolm Howard

their three children. Peter is vice president of consulting at Texas Commerce Bank Foundation, and Beth is a physician practicing internal medicine at Salt Lake Regional Medical Center. Sara Ecke May is self-employed as an advertising consultant in Pasadena, Calif. . Ren Moore is a marketing manager with Sun Microsystems in Mountain View, Calif. • Bradley Pickett is a doctor with The Hearing Institute in San Jose, Calif. • David Schaeffer and Tracy Mooney were married Nov. 18, 1995, in Bozeman, Mont. David is vice president of sales and marketing for Off The Beaten Path in Bozeman.

CLASS OF '82

John Auffrey is in his fifth year as a geography/history teacher at Windhoek International School in Windhoek, Namibia. • Brad Friedman was elected board vice president and chairman of the endowment committee for Jewish Family Service in Denver. • Scott Hampson is director of worldwide planning at AST Research in Irvine, Calif., and is attending the executive M.B.A. program at U.C.L.A. • Mark Levy is director of human

resources for Williams-Sonoma, Inc., in San Francisco. • Doug Reitinger was a winner in the 1996 Utah Wilderness Association Poetry Competition with his submission, "Love Song of Canis Latrans." Doug lives in Laramie, Wyo., where he works at the University of Wyoming. • Rebecca Keithahn Umenthum MAT was a recipient of the 1995 Presidential Award for excellence in science and mathematics teaching, the highest honor a teacher of mathematics or science can receive. She received a National Science Foundation classroom grant and was honored in May at Department of State dinners and a reception at the Smithsonian Institution's National Air and Space Museum. Rebecca teaches secondary mathematics at Belle Fourche Middle School in Belle Fourche, S.D. • Steven Vaughn is president/CEO of The Atlantic Chiropractic Centers. He also founded Rhino Ventures, Inc., which provides venture capital, management, construction, training and consulting to new graduates of chiropractic colleges. • Julie Zafiratos is interactive services coordinator for The Good Guys in Brisbane, Calif.

CLASS OF '83

David Baay lives in Colorado Springs where he is "trying to figure out how to have a life while working full time." He keeps in touch with Bill Steinhour '81 and looks forward to seeing more friends show up on CC's e-mail directory. "Are you listening, Malcolm?" . Ralph Day lives in Ft. Hood. Texas, with his wife, Melody, and their three children. He is an attack helicopter pilot and aviation safety officer in the U.S. Army. . Mark and Rebecca Junge '84 Haas live in Cicero, Ill., with their four children, Robyn, Ian, Martha and Nina. Mark is an orthodox priest at St. George Antiochian Orthodox Church. • Steve Howerton and Vicky Lovejoy live in Signal Hill, Calif., where they are attempting to "maintain a Colorado ranching lifestyle in the middle of the most grossly overpopulated city in this country." Their "little" condo is home to two-95 pound German shepherds; Steve keeps his horse in nearby Palos Verdes. They hope to return to Colorado someday. • Tavas Leota is first secretary with the Western Samoa High Commission in Wellington, New Zealand. He and his wife, Imelda, have