

# Engineer's Gift Helps Build Community Resilience Program at Iowa State

Vilas Mujumdar left India with \$8 in his pocket, the maximum allowed by the country in 1964. The 23-year-old had been promised a job in London, but getting there proved to be a challenge. Fog had diverted the plane to Switzerland. When he finally landed in England, he bought a sandwich and a train ticket to the city. By the time he arrived at his new apartment, he was all but broke. His landlady let him move in anyway based on his job offer.

Mujumdar was a newly minted civil engineer, filled with ambition and a love of adventure. He began his new job and applied for membership in the prestigious Institution of Structural Engineers. Having passed the

rigorous entrance exam, he discovered he was too young to be admitted. After just one year, he left London for Montreal.

Montreal was already in the throes of preparing for the 1967 World's Fair when Mujumdar arrived. He found work as a project engineer for the ambitious futuristic housing complex, Habitat 67. Designed and built for the fair – and still occupied and historically recognized today – Habitat 67 satisfied the young adventurer for a time. When completed, Mujumdar was ready for a new challenge. He traveled to Boston to serve as an engineering consultant.

It was there that his focus began to shift. Still a self-described "sucker for challenges," the type of challenge became Continued on Page 2

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A foundation of charity learned as a child inspires a gift to help communities bounce back from disasters. Plus, learn about a gift that helps support your passions and pays you back.

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more important to Vilas. He realized he wanted to help others. He relocated to California and began work for the State of California as chief of operations for the Division of the State Architect. He also earned his doctorate during that time. With a new professional focus on earthquakes, he began to see the importance of human resilience in the face of any natural disaster. The new focus led Mujumdar to join the National Science Foundation.

"I've seen a lot of suffering," Mujumdar says today. "Helping communities become more resilient helps everyone. Here in the Midwest, you have tornadoes, ice, floods. Farmers ask, 'How can I get my farm back? How can I grow crops again?' The answer is in education."

Now retired, Mujumdar has underscored his passion to bolster community resilience by helping establish Iowa State's multidisciplinary Hazard Mitigation and Community Resilience Program through a multifaceted gift that included cash and a charitable remainder unitrust.

The program's educational goals harken back to lessons learned from his mother, who taught rural women and children free of charge after she earned her own high school degree. "My foundation of charity grew from my childhood," he said. "My mother's giving back was the example. She wanted to do something for her community. It rubbed off on me.

"My main focus is to help educate students in a multidisciplinary way, not only in engineering but in social sciences, economics, public policy and cultural differences," he said. "Giving money after a disaster helps, but building capacity in humans can make a lasting impact. You need to work together with several disciplines to do that."

Mujumdar said he chose Iowa State because of the university's commitment to multidisciplinary research.

"You need to learn to draw on different disciplines to be able to protect the whole community," he says. "Iowa State is an excellent fit."

Looking to establish a new path to innovation at lowa State, or support an area of study that's important to you? You can make a difference through a combination of gifts made today and in the future. Contact the office of gift planning at 800.621.8515 or visit is ugift.org to learn more about available gift options.



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- VILAS MUJUMDAR



#### Cristina Poleacovschi was moved

by the rows and rows of metal shipping containers rising up out of an isolated parcel of government land. She realized as she approached that they were refugee homes holding displaced families. A few scrubby trees offered scant shade along the dusty gravel paths. The heat was intolerable.

Poleacovschi, an assistant professor of civil, construction and environmental engineering at lowa State, visited the Greek refugee camp last summer as part of an interdisciplinary team of lowa State University researchers from the Hazard Mitigation and Community Resilience program. The program is designed to address disaster preparedness comprehensively, and other multidisciplinary HMCR program researchers had already begun to explore ways to bolster community resilience to weather-related disasters like tornadoes and floods.

Now, Poleacovschi's group – made up of experts in human development, political science and

engineering – would view the global refugee experience from all angles.

"We need to understand what it is to be a refugee experiencing trauma, unmet medical needs, isolation and fear," she said. "If we can promote well-being with better shelter and infrastructure, that's a step toward the ultimate goal of integration into a new community, socially, physically and psychologically."

The HMCR program lead Sri Sritharan, Wilkinson Chair in Interdisciplinary Engineering, says such multidisciplinary disaster research emphasizing the broader social issues has never been done before. "Thanks to Dr. Vilas Mujumdar's gift, we are able to bring a holistic approach to this research," he said. "Our ultimate goal is to facilitate development of plans and drive engineering research such that it allows whole communities to bounce back faster from disaster."

HMCR program lead Sri Sritharan (top) is grateful for Dr. Mujumdar's commitment to community resilience research at lowa State. Professor Cristina Poleacovschi (bottom) traveled to Greek refugee camps as part of a team from the HMCR program.

## Blended Giving: The Best of Both Worlds

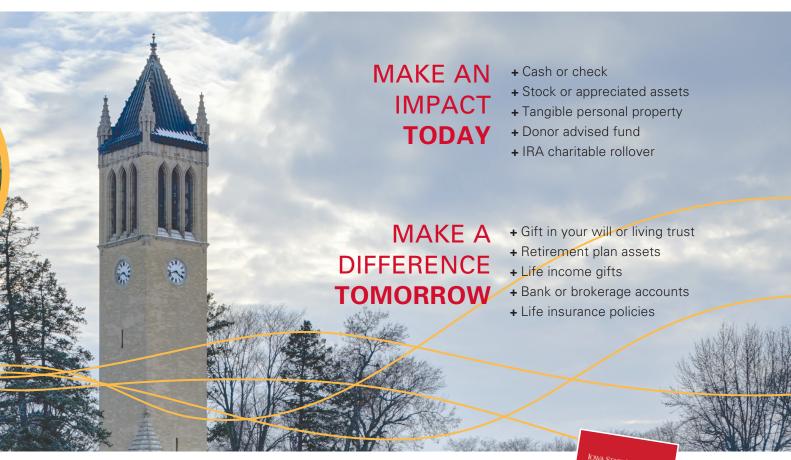
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With this type of gift, you, or other beneficiaries if you choose, receive regular income for life (or for a period of up to 20 years). At the end of the trust term, the balance in the trust supports innovative research such as that being done by Cristina Poleacovschi and others like her on the lowa State campus. Another benefit of a trust is that you may gain freedom from investment management.

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# INVOLVE THE EXPERTS

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# IOWA STATE UNIVERSITY

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