

VISION FOR A NEW SCIENCE CENTER.....Caring for God's Creation

THE TROYER GROUP, INC. WITH RENDERING BY WHITNEY LAKE



increased use of natural light

labs with improved air circulation

photo voltaic energy use

green roof (absorbes run-off)

bioswale (soil/drainage systems)

energy - efficient windows

building materials purchased locally and regionally

possible geothermal energy sources

The Need

More EMU Science Grads

The world is asking for the kinds of science graduates EMU produces: well-balanced and cross-disciplinary people motivated by a concern for God's entire creation, by a love of humanity, by a desire to offer healing and hope in our diverse world. This is why 92% of our pre-med students are accepted into medical schools. (See chart on page 53.) This is why hospital administrators who have hired our nursing graduates prop their door open for future graduates, noting that EMU seems to produce the kind of nurses that makes them natural picks for "nurse of the year" awards. This is why we have graduates working to improve farming techniques and address global warming, water pollution and other world problems.

The Obstacle

Inappropriate and Outdated Facilities

The 40-year-old Suter Science Center – which was state-of-the-art when it was built – now impedes the quality education that EMU seeks to offer. The current facility wastes energy through inefficient heating and cooling systems. It has poor ventilation in its laboratories, making them unhealthy. It exemplifies non-sustainable building design at a time when EMU is trying to show and teach its students how to leave a lighter footprint on God's earth. It makes collaborative learning difficult, though EMU has pioneered such learning and advocates it. In short, the building is due for an overhaul.

The Solution

Consolidation, Modernization, Expansion

EMU intends to help reverse the national trend since 1980 of declining first-year enrollment in medical degree programs. The United States and countries around the world need more health-care workers like those nurtured by EMU, not fewer. In 1985, EMU had 145 students majoring in biology (the usual major for pre-med students); in 2006, the number had declined to 62. We propose to reclaim our leading role in preparing students for health-care and other scientific professions by renovating and adding to the Suter Science Center, providing the facilities that our faculty and students – in biology, chemistry, math, nursing, psychology, and computer science – require to teach, study, research, collaborate, and excel in their mission to serve and lead in a global context.

Our graduates embody the healing way of Jesus

Our graduates learn to think analytically and critically, to exercise compassion and care, and to creatively solve problems in meeting local and global needs. As practicing health-care professionals they give direct care to hurting individuals in God's creation. From a Christian Anabaptist perspective, we understand that helping others through loving and sacrificial service is an attribute of a follower of Jesus, who was the Supreme Servant. Thus through a health-care career, one can embody the "way of Jesus," who went about healing the sick and doing good.

This new facility will provide up-to-date facilities and equipment and will revitalize our programs. I anticipate enhanced teaching and research opportunities, increased student enrollment, new programs, improved pedagogical approaches, and expanded opportunities in meeting the needs of our students.



Roman J. Miller, PhD
Daniel B. Suter Endowed
Professor of Biology
Eastern Mennonite University

Why EMU nurses are in demand by employers

I often point to my strong science background at EMU as the reason why I am able to deal with the ever-changing health-care environment. EMU prepares its nursing students for a wide variety of situations and equips them with the flexibility and openness to learning that they will require all their lives while working in this field.

Whenever I see that a potential candidate has put "BSN-Eastern Mennonite University" on their job application, I act immediately to snap them up. EMU's nurses are of the highest caliber and have a world view that is unknown in wider society.



Tiffany Good Witmer '98
Associate Vice President
Aultman Hospital
Canton, Ohio