Lockheed Martin Leadership Institute
School of Engineering and Applied Science

MIAMI UNIVERSITY
OXFORD, OH · EST. 1809

TRANSFORMATIONAL LEADERSHIP

INTENSELY PERSONAL LEADERSHIP DEVELOPMENT
Lockheed Martin is proud to be the founding partner with Miami University on this visionary institute, which will prepare its graduates to be leaders with the technical knowledge and business innovation needed to address our most difficult global challenges.

Dr. Ray O Johnson, Senior Vice President and Chief Technology Officer, Lockheed Martin

The keystone to the Leadership Institute is its partners. By connecting with alumni and industry leaders, we have created a personalized and transformational experience for our students. The Institute will prepare its graduates to be leaders with the technical knowledge and business innovation needed to address our most difficult global challenges.

Dr. Doug Troy, Associate Dean

Lockheed Martin, a true American industry leader, has chosen to partner with Miami University on such an important and groundbreaking Institute because it understands the critical need for transformational leadership and recognizes the exceptional learning environment in the School of Engineering and Applied Science (SEAS), and the outstanding caliber of our students.

The SEAS Lockheed Martin Leadership Institute provides an extraordinary high impact, experiential learning opportunity that combines the best of engineering and computer science education with a liberal arts foundation. It will produce leaders fully prepared for the challenges of a rapidly changing 21st century.

Dr. David Hodge, President

Before the leadership institute, I thought that only certain people were cut out to be leaders and that all leaders make huge changes in whatever they are involved with. I now understand that anyone and everyone can be a leader. And you can do small things that lead to big changes. Leadership isn’t some sort of magic. It’s a way of being that you can integrate and use in any part of your life.

Jessica Schmidt, student

Working together with seasoned leaders from business and government, we engage engineering and applied science students in a unique and transformative learning experience that embraces interpersonal and communication skills, teamwork, self-knowledge, innovation, change management, emotional intelligence, globalization, and business acumen.

Students entering the workforce can no longer solely rely on being technically proficient and solving problems others have given them. They need the capacity to be innovative and demonstrate strong leadership skills.

Imagine the possibilities if we work with our bright undergraduates and start to plant the leadership learnings that took us decades to discover. If we expose them to the “rough and tumble” of real world experiences and help them learn about themselves and others —— Imagine what they can accomplish!

Dr. Louise Morman, Executive Director

Lockheed Martin Leadership Institute

Welcome

PURPOSE

Thinking strategically
Working collaboratively with others
Effectively communicating their ideas
Finding innovative solutions to society’s most complex problems

Cultivate leaders who will flourish in their professions and lives by...
LEADERSHIP PROGRAMS

Personal
• Knowledge of self: leadership, communications, learning styles
• Emotional intelligence
• Teamwork and real world projects
• Personal leadership development plan
• Mentor relationship

People
• Negotiation, conflict resolution, crucial conversations
• Listening and speaking skills
• Giving and receiving feedback
• Conducting meetings
• Diversity, cultural awareness

Strategic
• Strategic planning and global perspective
• Customer focus
• The language of business
• Innovation and creativity
• Professional networking

The leadership institute has several facets:
• a very intense three-year certificate program for a smaller group of students
• a leadership awareness program for many of the School of Engineering & Applied Science students that includes workshops, speeches, and increased exposure to seasoned leaders in their fields
• leadership for faculty

COHORT CERTIFICATE PROGRAM

The cohort is a learning team that continually reinforces leadership concepts and creates a space to share reflections.

• Intensive three-year leadership development program (2 credit hour class per semester)
• 15-20 selected from applicants by Sophomore year
• Each student develops a personal leadership development plan
• Matched with a mentor who is a seasoned leader
• Programming includes workshops and experiential learning opportunities

Because of the ambitious nature of this form of leadership development, the Institute offers a select cohort of students a rigorous and cumulative curriculum that spans several years of their undergraduate experience and that is led not only by Miami faculty but also by successful seasoned leaders with extensive real world experience.

Each student in the intensely personal certificate program is guided by their own individualized leadership development plan and is matched with a mentor from industry.
DEAN’S MESSAGE

Our School’s programs are recognized nationally as among the best offered by schools whose primary emphasis is on undergraduate education and selected graduate programs. Our graduates are among the most sought and valued in the nation. Faculty, students, and staff are committed to and enthusiastic about teaching, learning, conducting research, and working together. The spirit of excitement and cooperation is contagious and apparent to all.

The SEAS Lockheed Martin Leadership Institute is an excellent example of how we work to anticipate emerging societal needs and partner with industry to create solutions that benefit society.

Recognizing the needs of an increasingly complex and competitive global society, the Institute cultivates leaders who will use their technical knowledge, integrity, courage, interpersonal skills and persistence to positively influence transformational change in their professions, their communities, and the world.

Dr. Marek Dollár, Dean

SCHOOL OF ENGINEERING AND APPLIED SCIENCE

Majors

- Bioengineering
- Chemical Engineering
- Computer Engineering
- Computer Science
- Electrical Engineering
- Engineering Management
- General Engineering
- Manufacturing Engineering
- Mechanical Engineering
- Software Engineering

Concentrations connected to specific majors include:

- Biomedical
- Environmental
- Paper Science
- Systems Analysis

Student-centered, vibrant, interactive environment
- Inspiring engaged learning
- Driving innovation
- Expanding our global reach
- Delivering success
- Energizing the future
Leadership Institute
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