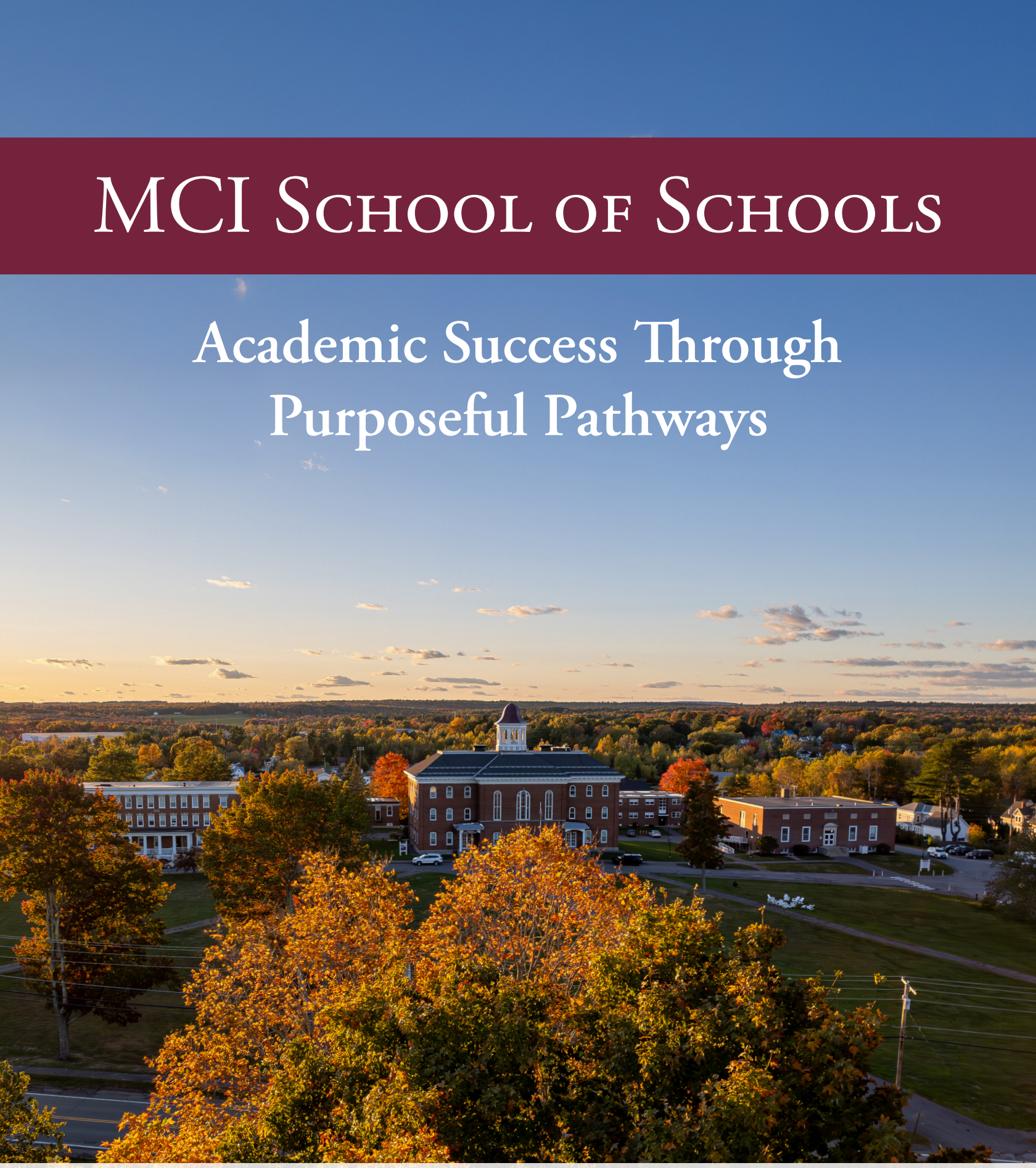
MCI School of Schools

Academic Success Through Purposeful Pathways



"MCI will inspire students to lead ethical, purposeful, and happy lives as local and world citizens."



An Overview

For more than 150 years, Maine Central Institute has prepared students to lead meaningful and successful lives. Today, MCI is once again redefining what secondary education can become through its innovative School of Schools academic model. This transformational approach recognizes a simple truth: no two students are exactly alike, and education should reflect that reality.

The School of Schools model combines rigorous academics, career exploration, experiential learning, and individualized pathways to create an educational experience that is both highly personalized and deeply purposeful. Students pursue interests through one of six academic schools while engaging in coursework, mentorship, internships, dual enrollment opportunities, and real-world experiences aligned with their future aspirations.

Whether a student is preparing for Duke University, Embry-Riddle Aeronautical University, Colby College, a skilled trades apprenticeship, military service, entrepreneurship, or a gap year abroad, MCI provides a pathway that helps transform potential into possibility. The future of education is personalized. The future of education is purposeful. The future of education is already taking shape at MCI.

A Transformational Vision for Education

The School of Schools model positions MCI as:

- **A Leader in Educational Innovation** (One of the few independent schools in the nation implementing a fully integrated pathway-based academic structure).
- **A Bridge Between College and Career Readiness** (Preparing students for success regardless of their chosen future).
- **A Destination School** (Attracting local, boarding, and international students seeking personalized educational experiences).
- **A Model for Rural School Transformation** (Demonstrating how innovative programming can strengthen communities, support workforce development, and expand educational opportunity).



Maine Central Institute: The School of Schools

School of Math & Science



Designed for students interested in STEM disciplines, healthcare, research, aviation, and analytical problem-solving. Students engage in advanced mathematics, biology, chemistry, physics, and applied scientific inquiry.

Current pathways include:



Aviation



Health Sciences

School of Arts & Humanities



Focused on creativity, culture, and expression as students are empowered to think critically and creatively about the world. Students develop leadership and strong communication skills while exploring artistic and civic engagement.

Current pathways include:



Global Studies

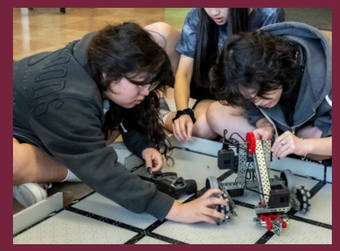


Business & Marketing



Visual & Performing Arts

School of Engineering & Tech.



Prepares students for collegiate fields through coursework in physics, mathematics, chemistry, computer science, and artificial intelligence. Students learn to solve complex problems and apply technology to modern challenges.

Current pathways include:



Computer Science



School of Nature



Students will explore environmental science, ecology, sustainability, and outdoor experiential learning through field-based instruction. Focuses on environmental stewardship, scientific observation, research methodology, and biodiversity & ecosystem studies





School of Industry & Trades



Preparing students for high-demand skilled professions, this school emphasizes applied learning, workforce readiness, technical skills, and industry partnerships. Students may participate in regional career and technical programs while earning academic credit and real-world experience.





School of Exploration



Preparing students for high-demand skilled professions, this school emphasizes applied learning, workforce readiness, technical skills, and industry partnerships. Students may participate in regional career and technical programs while earning academic credit and real-world experience.



Portraits of an MCI Graduate

Gabrielle Finelli

Class Rank: 1
Recognitions: Valedictorian, MPA Principal's Award, Student Council President





School of Math & Science

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Taiwan Sustainability Conference

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Colby College – Biology

"Having the option to take classes that align with my career goals has made a huge difference in my high school academics, as I have been able to hone in on my interests and develop the skills I will need in the future. By having a mainly science-oriented schedule at MCI, I am more certain about my pursuit of a career in biological research."

Seojun Park

Class Rank: 4
Recognitions: Rensselaer Polytechnic Institute Awardee, 4th at Eastern Maine Math League, Dorm Prefect



School of Engineering & Tech.

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AP Score of 5 on Calculus AB, Calculus BC, & Physics I

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University of Washington Materials Science & Engineering

"MCI gave me the opportunity to challenge myself through rigorous STEM courses and supportive teachers who helped me grow academically and confirmed my passion for Materials Science and Engineering."

Konnor Gardner

Class Rank: 25
Recognitions: EMT Program at SCTC, Firefighting Program at SCTC



School of Industry & Trades

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Somerset Career & Tech. Center

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Firefighter – Southern Maine

"Konnor is incredibly focused on his goals. While he is a capable student, he often only focuses on things he sees are worth his time to achieve his goals."

Daphne Hands

Class Rank: 10
Recognitions: Faculty Cup, CNA, Student Council/NHS Officer

School of Math & Science

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Health Science Pathway

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Eastern Maine Medical Center

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University of Maine Orono Nursing/Health Sciences



"The pathways provide preparation for college as they build confidence and academic readiness. Through the Health Sciences Pathway, I've strengthened my passion for what I plan to study and feel more prepared to continue that through college."

Scott Martin

Class Rank: 3
Recognitions: Manson Essay Finalist, NASA/Aviation Camp at Rice University

School of Engineering & Tech.

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Awards in AP Physics II and Chemistry

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Embry Riddle Aeronautical University – Aerospace Engineering



"Classes like mechanical engineering let me apply what I learned to real life designs where I gained a stronger understanding of project structure and time management."



Tyson Thompson

Class Rank: 2
Recognitions: Salutatorian, Master's Cup, Diplomacy Award & Best Delegate at Model UN Conference

School of Arts & Humanities

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Global Studies Pathway

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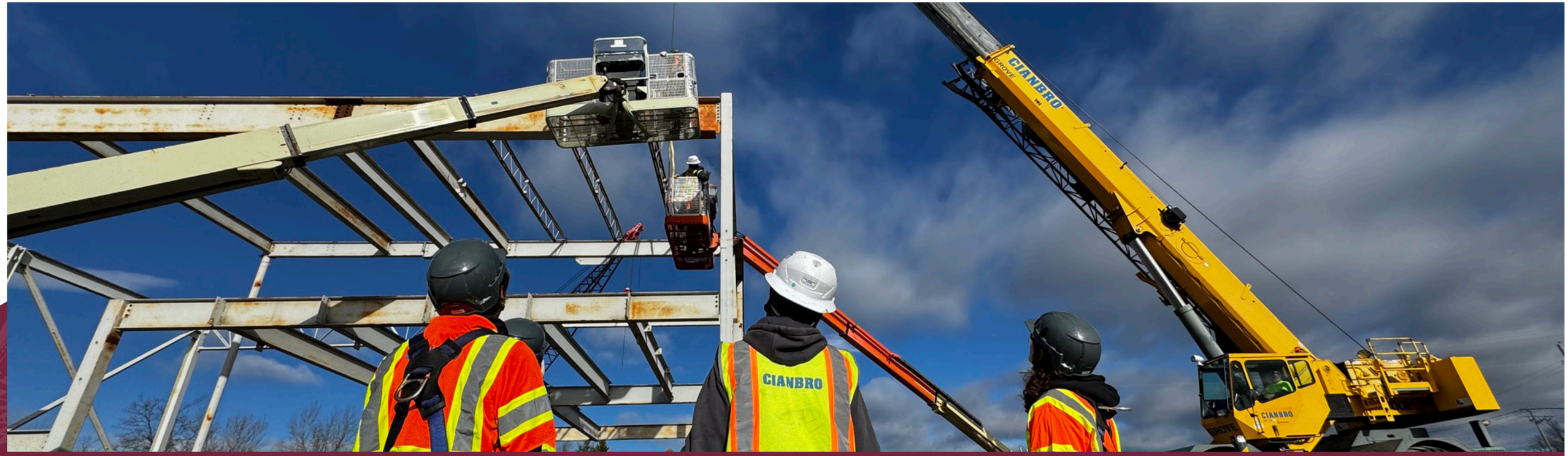
Model United Nations ELO

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Wesleyan University Political Science



"The School of Schools program allowed me to delve deeper into my interests in acting and global politics while still receiving an exceptional education in science and math. The redistribution of graduation requirements allowed me to focus more on English, art, and history, and gave me the chance to take classes like poetry writing, film studies, nonfiction writing, and American history that I may not have otherwise been able to fit into my schedule."



Experiential Learning:

Education Beyond the Classroom

A defining component of the MCI model is its emphasis on Experiential Learning Opportunities (ELOs), connecting students with businesses, organizations, and community partners throughout Maine and beyond.

Current examples include:

- Construction and trades partnerships
- Environmental field research
- Partnerships with local businesses
- Healthcare exposure programs

Future expansion will include:

- Aviation training experiences
- Technology and AI initiatives
- Entrepreneurship projects
- And more!





A Teacher's Perspective



Jessica Verrill

Bachelors of Science in Chemical Engineering

"The most exciting aspect of the School of Schools model is providing students the opportunity to write their own story. Success looks different for everyone and this new educational framework allows for diversity of passions, experiences, and goals to be woven together into a tapestry unique to every individual."

"The pathway system provides students with knowledge that will give them a head start in the next chapter of their lives. It also allows students to have experiences that help them make informed decisions about what they want to do with the next chapter — they are better positioned to know if something is a true passion, or just a passing interest."

"The most positive impact I have seen with the School of Schools has been the retention of students who were on the verge of leaving early. It has provided ways for these students to demonstrate excellence in ways that build their confidence and sing to their souls."



"What excites me most about the School of Schools model is that it positions us as a school to pivot and respond to a changing world. It has inspired us to be focused on students' evolving needs while maintaining the promise of our institutional history and integrity."

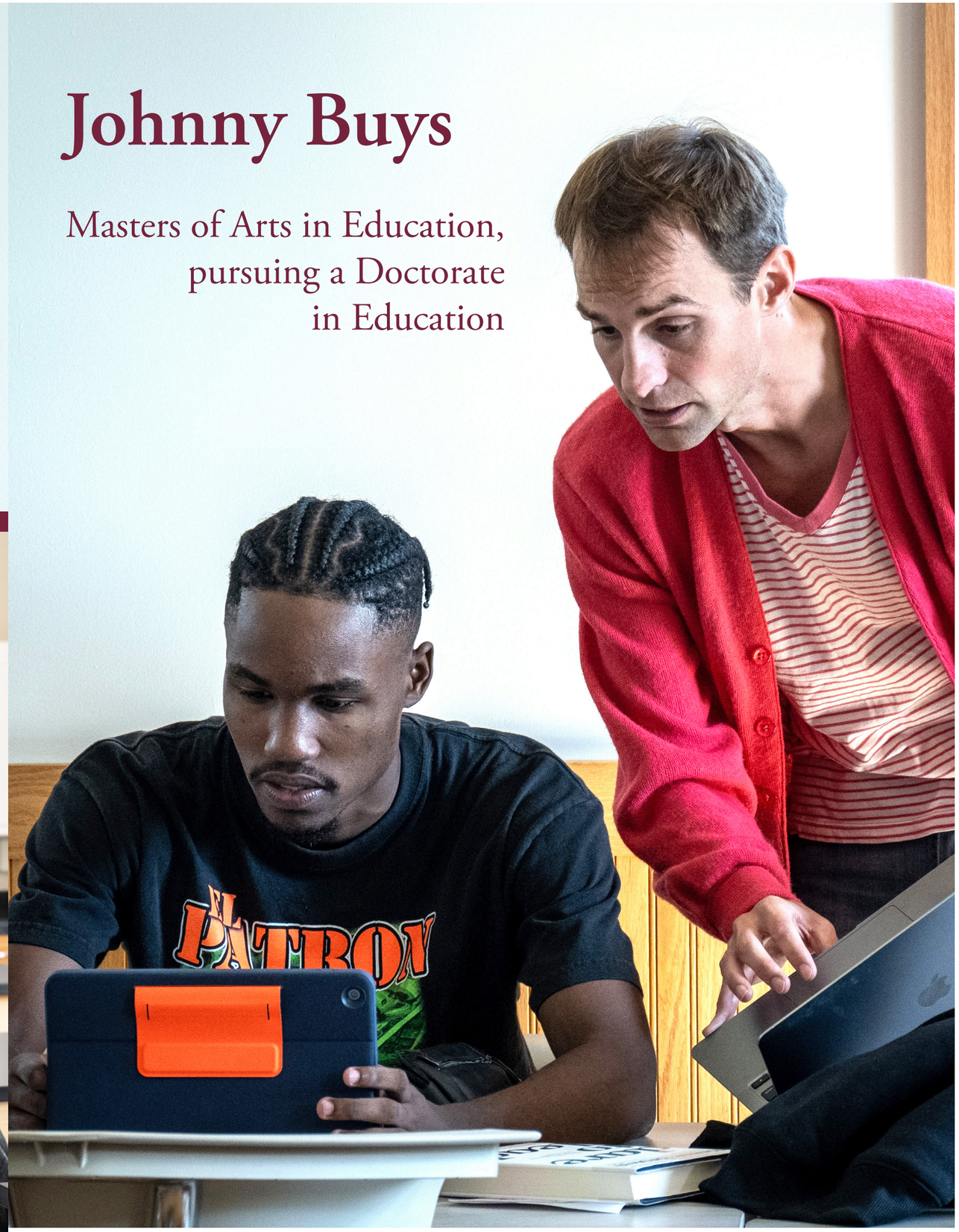
"The School of Schools model asks teachers to consider students' futures beyond the classroom-to-college conduit, and consider developing experiential learning that foregrounds personal connection and deeper reflection into learning's context in the world."

"Through guest speakers, internships, experiential learning opportunities, field trips, and more, students experience an exchange between the security of school and the excitement of the world outside of school. It has inspired more collaboration across departments and a richer optimization of our alumni and community supporters."



Johnny Buys

Masters of Arts in Education, pursuing a Doctorate in Education



Ready to join the MCI family?

If you have any questions, please contact:

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