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# Organic Motion's STAGE™ and bioSTAGE™ Systems Go to Schools

[Organic Motion](#), the [advanced computer vision software company](#), today announces the installation of its turnkey [markerless motion capture](#) systems, [STAGE™](#) and [BioSTAGE™](#), at a number of leading universities and institutions worldwide. The company's technology dramatically increases a computer's ability to “see” and understand [human motion](#) to generate highly accurate [3D tracking](#) data in real-time, without using bodysuits or markers. The technology has been selected to drive innovative curricula and cutting-edge research focused on using human motion. Students at [Rochester Institute of Technology](#), [New York University Tisch School of the Arts Asia](#), [Indiana University](#), [Marshall University](#), the [University of Florida](#), and [Tolles Technical & Career Center](#) are all benefiting from Organic Motion's advanced and easy-to-use systems.

Organic Motion's [technology](#) essentially creates a '[digital clone](#)' of the person being tracked – without wearing any mechanical tracking devices. By completely removing the markers, the technology does not require expensive technicians to operate the systems, or the hassle of time-intensive calibration steps. This allows students to easily step into a system and personally interact with the technology to take advantage of a completely [hands-on learning environment](#).

“Institutions must stay competitive to attract new students, and those students must graduate with the skills necessary to excel in the extremely competitive environments of digital content creation, data visualization and motion analysis,” said [Christine Arrington](#), Senior Analyst, [Acacia Research Group](#). “By integrating markerless motion capture, these programs can be much more efficient and effective in using motion capture as a teaching tool in content creation and visualization.”

“Whether it's for the film school, research labs, or even the learning hospitals on campus, we're honored that these programs selected Organic Motion to deliver a greater learning experience,” says [Andrew Tschesnok](#), [CEO](#) Organic Motion. “By incorporating our technology, these schools are creating a more effective way of teaching, allowing students to have direct interaction with the most technologically advanced resource available.”

## Institutions currently using Organic Motion's STAGE and BioSTAGE

### *NYU Tisch School of the Arts Asia*

One of the world's leading Fine Arts institutions selected Organic Motion's STAGE system to help students master digital animation and video techniques for observation, capture, analysis and visualization of motion from real-life.

### *Digital Worlds Institute, University of Florida*

Digital Worlds (DW) is leveraging Organic Motion's technology to study how people interact in

digital arenas, and to create entirely new virtual experiences. DW recently integrated the company's BioSTAGE application, to encourage collaborative research in psychology, neurology, medicine, bioengineering, sports sciences, the performing arts and rehabilitation.

*Rochester Institute of Technology, Computer Graphics Design and Computer Science*

RIT recently installed the STAGE system to enhance the virtual theatre experience research in cross-departmental, grant supported, research. Plans extending the use of the system into the classroom in computer graphics, computer science, medical illustration, new media, games, animation, dance, and motion graphics.

*Indiana University*

IU found Organic Motion's STAGE system ideal for its multidisciplinary research initiatives. Consistent with its new IT strategic plan, the university already has plans for uses in the Schools of Education; Health, Physical Education & Recreation; Communications; Informatics; Telecommunications and Fine Arts.

*Marshall University, Center for Environmental, Geotechnical and Applied Sciences*

Working closely with the mining industry and U.S. Mine Safety & Health Administration Academy, Marshall is developing a new generation of mine safety training technologies and is currently designing new immersive virtual reality training simulations. The new system will incorporate the Organic Motion STAGE system that will allow trainees to step in, experience and train in hazardous environments in a realistic virtual simulation, without the risk of training in a real hazardous situation.

*Tolles Career & Technical Center*

Students in Tolles' computer science department are learning how to create animations for both games and short films. The high school further plans to integrate Organic Motion's BioSTAGE biomechanical analysis package, enabling students to analyze exercises and stress injuries.

## **Benefits to Education Institutions**

Organic Motion's turnkey STAGE and BioSTAGE systems provide a number of benefits to institutions, including:

- **Transforming the Teaching Experience**
- **Simplified Capture Process**
- **Multi-Discipline Applications**
- **Robust Software Developer Kit (SDK)**

To see full case studies on how each of these institutions are using Organic Motion's technology, and examples of student work, please visit [www.organicmotion.com](http://www.organicmotion.com).

## **About Organic Motion, Inc.**

[Organic Motion, Inc.](#) is a leading [computer vision](#) software company and maker of highly advanced [markerless motion capture](#) systems. For additional information, please visit [www.organicmotion.com](http://www.organicmotion.com).

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