



November 2, 2017

To: Shari Castelli, Assistant Superintendent, Morris County School of Technology  
Patrick Enright, Associate Vice President for Workforce Development and Dean Professional Studies and Applied Sciences, County College of Morris

Subject: Support of Application for 2018 Excellence in Action Award

HUNCH or High School Students United with NASA to Create Hardware is an effort to bring high school students new educational experiences with NASA projects. Originally started 13 years ago with a handful of schools producing hardware training items for the International Space Station, now it has grown to over 150 schools across the country, not only producing hardware for flight and training, but branching out to design projects, sewing flight and training articles, and an Astronaut Culinary Challenge. Over 20,000 students have participated with 94% moving on to pursue undergraduate degrees.

County College of Morris and Morris County School of Technology became a HUNCH School three years ago with the inception of their joint program in Engineering Design and Advanced Manufacturing. In my experience this joint community college/high school program is unique to HUNCH Schools and through this partnership, high school students have access to the industry quality equipment and the expertise of college faculty as they learn the techniques of advanced manufacturing. The HUNCH program additionally provides them a real NASA contractor experience introducing them to the manufacture of parts to specifications, quality control, and documentation of the production process. In the second year of being a HUNCH School, the Engineering Design and Advanced Manufacturing students participated not only in the Space Flight Equipment Challenge but seniors also in the Design and Prototyping Challenge.

I have been the NASA HUNCH mentor for the past 10 years and in all honesty the Engineering Design and Advanced Manufacturing program offered to high school students at the County College of Morris is truly exemplary. It is amazing to watch how their high school students over the course of a single school year succeed in making truly professional parts and in addition do a tremendous job documenting the quality assurance forms for NASA flight hardware. This success is truly an acknowledgement that their program provides an amazing opportunity in which students learn how to operate cutting edge advanced manufacturing equipment from outstanding professors with the desire and skills to make a significant impact on all of their high school students.

The college/high school partnership also leveraged the College's facilities to host our annual Recognition Ceremony in 2017. The support of the college and high school administrations has been tremendous and it has been a true joy to see the development of the high school students in the college environment.

I am pleased to support the program's application for national distinction as, in every way, it meets the criteria of a 21<sup>st</sup> Century Career and Technical Education Program introducing high school students to the skills necessary to succeed in engineering technology environments.

Sincerely,

*Florence Gold, Ed.D.*

NASA HUNCH Implementation Project Manager/ Management POC for Fabrication Schools



November 2, 2017

To: Shari Castelli, Assistant Superintendent, Morris County School of Technology  
Patrick Enright, Associate Vice President for Workforce Development and Dean  
Professional Studies and Applied Sciences, County College of Morris

Re.: Support of Your Application for the 2018 Excellence in Action Award

Shari and Patrick:

National Manufacturing Co., Inc. specializes in the manufacture of critical service components for the aerospace, medical and industrial markets. We have been in business for over 73 years providing the highest quality products for our customers, worldwide.

A critical issue for my company and other manufacturers in New Jersey and, indeed nationwide, is the availability of a trained workforce. Over several decades traditional training programs have shuttered and the consequences have reached serious levels as open positions with thousands of manufacturing companies are going unfilled.

The creation of the Engineering Design and Advanced Manufacturing program, from your joint efforts of the County College of Morris and the Morris County School of Technology, is not only unique in its organization but addresses the needs of employers in Morris County, and the State of New Jersey.

The preeminent success of your program is a significant breakthrough in introducing advanced manufacturing to high school students. Not only have students and parents applauded the program but there are now twice as many applicants as places in the program. Students receive college credit, the opportunity to interact with a variety of local manufacturers, and gain invaluable experience working on state of the art equipment available at the college.

I am pleased to enthusiastically support your program's application for national distinction as, in every way, it meets the criteria of a 21<sup>st</sup> Century Career and Technical Education Program addressing the workforce needs of the business community.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Bd', is written over the word 'Sincerely,'.

Robert Staudinger  
President & CEO  
National Manufacturing, Co., Inc.  
12 River Road  
Chatham, NJ 07928

November 1, 2017

**County College of Morris**

214 Center Grove Road  
Randolph, NJ 07869

**To:** Shari Castelli, Assistant Superintendent, Morris County School of Technology  
Patrick Enright, Associate Vice President for Workforce Development and Dean Professional Studies  
and Applied Sciences, County College of Morris

**Re:** Support of Application for 2018 Excellence in Action Award

Dear Shari & Patrick,

The New Jersey Manufacturing Extension Program (NJMEP) is a private, not-for-profit organization that improves the profitability and competitiveness of New Jersey's Manufacturers/STEM Sector. Backed by the National Institute of Standards and Technology (NIST); NJMEP enables organizations to enhance their productivity and efficiencies, reduce costs, and improve employee performance.

A critical issue for manufacturers in New Jersey and, indeed nationwide, is the availability of a properly educated and high-skilled workforce. Over several decades traditional training programs have been significantly reduced and the consequences are at serious levels as high-paying open positions at manufacturing companies go unfilled.

The creation of the Engineering Design and Advance Manufacturing program, a joint effort of the County College of Morris and the Morris County School of Technology, is not only unique in its organization but addresses the needs of employers in this industry critical to Morris County, and the State of New Jersey.

The success of the program is a significant breakthrough in introducing advanced manufacturing to high school students. Not only have students and parents applauded the program but there are now twice as many applicants as places in the program. Students receive college credit, the opportunity to interact with a variety of local manufacturers, and experience working on state of the art equipment available at the college.

I am pleased to support the program's application for national distinction as, in every way; it meets the criteria of a 21<sup>st</sup> Century Career and Technical Education Program addressing the workforce needs of the business community. Please feel free to reach out to me directly with any questions or comments.

Regards,



John W. Kennedy, Ph.D.  
CEO





Fair Lawn, New Jersey  
November 2, 2017

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Ms. Shari Castelli, Assistant Superintendent, Morris County School of Technology

Mr. Patrick Enright, Associate Vice President for Workforce Development; Dean  
Professional Studies and Applied Sciences, County College of Morris

Dear Ms. Castelli and Dean Enright:

Sandvik Coromant is the world's leading supplier of tools, tooling solutions, and know-how to the metalworking industry. With extensive investments in research and development, we create unique innovations and set new productivity standards together with our customers. These include the world's major automotive, aerospace, and energy industries. Sandvik Coromant has 8,000 employees and is represented in 130 countries.

A critical issue for manufacturers in New Jersey and, indeed nationwide, is the availability of a trained workforce. Over several decades traditional training programs have shuttered and the consequences are reaching serious levels as open positions at manufacturing companies go unfilled.

The creation of the Engineering Design and Advanced Manufacturing program, a joint effort of the County College of Morris and the Morris County School of Technology, is not only unique in its organization but addresses the needs of employers in this industry critical to Morris County, and the State of New Jersey.

The success of the program is a significant breakthrough in introducing advanced manufacturing to high school students. Not only have students and parents applauded the program but there are now twice as many applicants as places in the program. Students receive college credit, the opportunity to interact with a variety of local manufacturers, and experience working on state of the art equipment available at the college. The program also actively recruits young women to the manufacturing industry.

I am pleased to support the program's application for national distinction as, in every way, it meets the criteria of a 21<sup>st</sup> Century Career and Technical Education Program addressing the workforce needs of the business community.

Sincerely yours,

*Jo Ann Mitchell*

JoAnn Mitchell, MBA PMP CMP  
Senior Project Leader