

**THE GREATER PHILADELPHIA REGIONAL COMPACT**  
**for**  
**SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)**  
**EDUCATION**

**Updated February 2009**

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**Preamble**

**T**he foundation of America's competitiveness in the 21<sup>st</sup> century global economy is a well-educated workforce that can work collaboratively, create and absorb new knowledge, adapt to new circumstances, perceive opportunities, and define and develop creative solutions to seemingly intractable problems. For three hundred years, the people in the Greater Philadelphia region have distinguished themselves as world-class innovators and leaders in science, commerce and industry. We can build upon and extend this heritage only by investing in a world-class education in science, technology, engineering and mathematics for the region's greatest asset – its people.

**Vision**

**T**o empower the region's capacity to develop a talented, robust and eclectic science, technology, engineering and mathematics (STEM) oriented workforce, capable of performing, adapting and thriving in a dynamic knowledge-driven economy.

**Strategic Intent**

**TO PROMOTE** collaboration among education, business and government to ensure that the region's education systems graduate a well-educated diverse workforce that is scientifically, technologically and quantitatively literate.

**TO ADVOCATE** for successful local, regional and national programs that can be implemented and amplified by regional partnerships to attract students to math, science, engineering and related careers, and to strengthen K-20 STEM education programs.

**TO ARTICULATE** policies and actions at the local, regional and state levels to support STEM education in K-20 systems so that students realize their individual and collective potential.

**TO SHARE** research, data and information as it pertains to the Compact's goals and the shared strategic intent of the signatories.

**The Compact**

**T**he Greater Philadelphia Regional Compact for Science, Technology, Engineering and Mathematics (STEM) Education is a commitment among institutions and organizations to work together to advance this strategic intent across the Greater Philadelphia tri-state region.

**T**he Compact is both an economic and human development initiative to produce a scientifically and technically talented, highly adaptable, creative and socially responsible workforce for the 21<sup>st</sup> Century. The work will be guided by research, data and knowledge. Collaboration and distributed leadership are primary values. All Compact partners will work collegially for the benefit of the region, sharing knowledge relevant to opportunities to advance the strategic intent of the Compact.

*Any and all institutions and organizations interested in advancing STEM education in the region are invited to sign on to the Compact.*

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SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)  
EDUCATION**

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**Signature Page**

**W**e the undersigned agree to work on and support the Greater Philadelphia Regional Compact for STEM Education.



A handwritten signature in black ink, appearing to read 'Joseph J. Houldin'.

A handwritten signature in black ink, appearing to read 'F. Joseph Merlino'.

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Joseph J. Houldin  
CEO  
DVIRC

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F. Joseph Merlino  
Principal Investigator and Project Director  
The Math/Science Partnership of Greater  
Philadelphia



A handwritten signature in black ink, appearing to read 'Carol S. Fixman'.

A handwritten signature in black ink, appearing to read 'Thomas G. Morr'.

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Carol Fixman  
Executive Director  
Philadelphia Education Fund  
Philadelphia Math Science Coalition

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Thomas G. Morr  
President and CEO  
Select Greater Philadelphia



A handwritten signature in black ink, appearing to read 'William Marrazzo'.

A handwritten signature in black ink, appearing to read 'RoseAnn B. Rosenthal'.

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William Marrazzo  
President & CEO  
WHYY

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RoseAnn B. Rosenthal  
President & CEO  
Ben Franklin Technology Partners



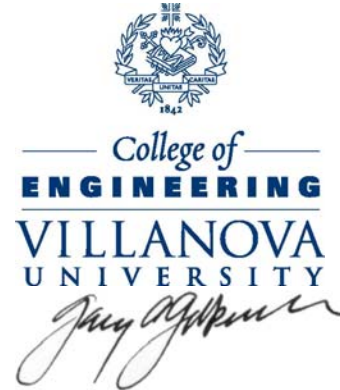
David Brookstein, Dean  
School of Engineering & Textiles  
And Executive Director of Research  
Philadelphia University



Keya Sadeghipour, Dean  
College of Engineering  
Temple University



Dr. Fred A. Akl, Dean  
School of Engineering  
Widener University



Dr. Gary A. Gabriele  
Dean and Professor  
College of Engineering  
Villanova University



Selcuk Guceri, Dean  
College of Engineering  
Drexel University



Dianne Dorland, Dean  
College of Engineering  
Rowan University



Eduardo D. Glandt, Dean  
School of Engineering and Applied Science  
University of Pennsylvania



Eric W. Kaler, Dean  
College of Engineering  
University of Delaware



A handwritten signature in black ink that reads "Jerome S. Parker".

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Jerome S. Parker  
President  
Delaware County Community College



A handwritten signature in black ink that reads "James J. Links".

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James J. Links  
President  
Bucks County Community College



A handwritten signature in black ink that reads "Raymond Yannuzzi".

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Raymond Yannuzzi  
President  
Camden County College



Montgomery County  
Community College

A handwritten signature in black ink that reads "John C. Flynn, Jr.". The signature is written in a cursive style.

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John C. Flynn, Jr.  
V.P. Academic Affairs & Provost  
Montgomery County Community College



A handwritten signature in black ink that reads "Orlando J. George, Jr.". The signature is written in a cursive style.

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Dr. Orlando J. George, Jr.  
President  
Delaware Technical & Community College



A handwritten signature in black ink that reads "Richard A. Nigro".

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Richard A. Nigro  
Provost  
LaSalle University



A handwritten signature in black ink that reads "Amy Gutmann".

---

Dr. Amy Gutmann  
President  
University of Pennsylvania



*Sister Francesca Onley, CSFN, Ph.D.*

Sister Francesca Onley, CSFN, Ph.D.  
President  
Holy Family University



*Madeleine Wing Adler*

Dr. Madeleine Wing Adler  
President  
West Chester University of Pennsylvania



*Chris Pavlides*

Chris Pavlides  
Executive Director  
Innovation and Entrepreneurship Institute  
& Mid-Atlantic Diamond Ventures  
Fox School of Business & Management  
Temple University



*Philip P. Gerbino*

Dr. Philip P. Gerbino  
USP President  
University of the Sciences in Philadelphia



*Jerry M. Greiner*

Jerry M. Greiner  
President  
Arcadia University



*Alice P. Gast*

Dr. Alice Gast  
President  
Lehigh University

*Velda V. Morris*



Velda V. Morris  
Robotics Education Specialist  
Secondary Robotics Initiative  
Office of College & Career Awareness  
School District of Philadelphia



*Gary W. Smith*

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Gary W. Smith  
President/CEO  
Chester County Economic Development Council



*Laura Shubilla*

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Laura Shubilla  
President  
Philadelphia Youth Network



*Nadine A. Lomakin*

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Nadine A. Lomakin  
Executive Director  
Life Science Career Alliance



*Deborah D. Ricker*

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Debbie Ricker, Ph.D.  
President  
Pennsylvania Academy of Science



*Joseph J. Viscuso*

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Joseph J. Viscuso, PE, LS  
Chair  
Delaware Valley Engineers Week Council



*J. Patrick Killian*

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J. Patrick Killian  
Commerce Director  
Delaware County Commerce Center



*Kathleen P. Chimicles*

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Kathleen P. Chimicles  
President  
GlenDevon Group, Inc.



*Mary Linda Andrews*

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Mary Linda Andrews  
Director, Community Partnerships  
GlaxoSmithKline



*Dennis M. Wint*

Dennis M. Wint  
President & CEO  
The Franklin Institute



*Russell Kaufman MD*

Dr. Russell Kaufman, M.D.  
President & CEO  
The Wistar Institute



*Brett M. Hoffstadt*

Brett M. Hoffstadt  
Chairperson  
AIAA – Greater Philadelphia Section  
(American Institute of Aeronautics & Astronautics)



*Sallie A. Glickman*

Sallie A. Glickman  
CEO  
Philadelphia Workforce Investment Board



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Helen M. Groft  
Project Director  
Delaware Valley Innovation Network (DVIN)



*Carmen S. Italia, Jr.*

Carmen S. Italia, Jr.  
President  
Montgomery County Industrial Development Corporation (MCIDC)



*Tom Tritton*

Tom Tritton  
President & CEO  
Chemical Heritage Foundation



*Chad Womack*

Chad Womack  
Founder, President & CSO  
Philadelphia Biotechnology and Life Sciences Institute



Jon Jay DeTemple, Ph.D.  
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David R. Noyes, Ed.D  
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Phoenixville Area School District



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Steve Wray  
Executive Director  
Economy League of Greater Philadelphia



Jeffrey G. Vermeulen  
President  
Delaware County Chamber of Commerce

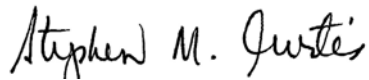


Charles M. Ivory, Ed.D  
Executive Director  
Educational Information and Resource Center



Dr. David R. Black  
President  
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Community  
College  
of Philadelphia



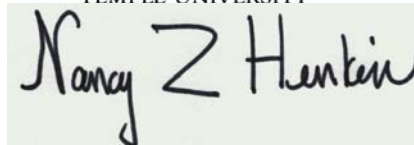
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Dr. Stephen M. Curtis  
President  
Community College of Philadelphia (CCP)



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R. Walter Slauch  
Director  
Central Montgomery County Technical High  
School



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Nancy Z. Henkin, PhD  
Executive Director  
Temple University  
Center for Intergenerational Learning



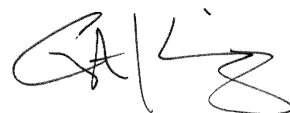
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Ellen Williams  
Director  
Learning for Life




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Dr. Gregory Thornton  
Superintendent  
Chester Upland School District



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C. J. Kneizys  
President  
Micro-Coax



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James E. Hasson  
Hypex, Inc. President



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Dr. Charles E. Amuso  
Superintendent  
Souderton Area School District

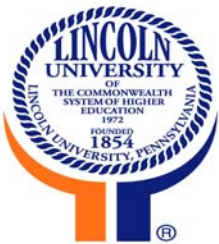


Powering Business Worldwide

John Kampanis  
Plant Manager  
Eaton Corporation



Dr. Michelle Howard-Vital  
President  
Cheyney University of Pennsylvania



Dr. Ivory V. Nelson  
President  
Lincoln University



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Executive Director 3E Institute  
West Chester University of PA

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Nick Hackett  
President/CEO  
New Way Air Bearings



Sandra Dungee Glenn  
President and CEO  
American Cities Foundation



Lisa Nutter  
President  
Philadelphia Academies, Inc.



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Sharmain Matlock-Turner  
President  
Greater Philadelphia Urban Affairs Coalition



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John Fisher  
President  
Brandywine Optics, Inc.



KEYSTONE  
INNOVATION  
ZONE  
DELAWARE COUNTY

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John H. Dixon  
Coordinator  
Delaware County Keystone Innovation Zone



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John H. Dixon  
Executive Director  
Institute for Economic Development

Great Valley  
School District



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Rita S. Jones, Ed.D.  
Superintendent of Schools