

Montgomery College Germantown Development Project

General Presentation

2006



Montgomery College

- **Oldest community college in Maryland, founded in 1946**
- **Over 22,000 credit students, and 26,000 noncredit students enrolled**
- **Three campuses and two major Workforce Development and Continuing Education Centers**
- **Germantown Campus, over 5000 students**
- **Multiple career and transfer programs**
- **Advanced Biotechnology and Information Technology education and training at Germantown**

Montgomery College - Germantown

- **Supports the education and training pipeline for high-tech and biotech jobs**
- **Created unique Education and Training Continuum to support biotech jobs**
- **Created the Germantown Development Project to support the high tech and biotech jobs**

Germantown Development Project Vision Statement

To develop a continuum of bioscience and technology education and training from middle school to postdoctoral levels in an *integrated* academic, business, and research environment.



Germantown Development Project

- **Bioscience Education Center**

Planned 127,000 square feet academic building with laboratories, classrooms, faculty, meeting and support space

- **Science and Technology Park**

Business park with 500,000-600,000 square feet initially, including office, laboratory and flex space with planned expansion to 1,000,000 square feet on 40 acres

- **Germantown Technology Incubator**

32,000 square foot business incubator with expansion capabilities of up to 67,000

Education and Training Continuum

Supported by National Science Foundation Grant of \$600,000

- Middle school teacher education/student camps
- High School Biotechnology Academies
- Certificate and Associate degree programs
- Industry certification
- Baccalaureate degree program on Germantown Campus
- Pre-graduate preparation studies
- Postdoctoral education and training
- Professional development and continuing education

Bioscience Education Center

- **Planned 127,000 square foot academic building with laboratories, classrooms, faculty, meeting and support space**
- **House the education continuum from middle school through post-doctoral**
- **Provide space for 3rd and 4th year bachelor degree program in Life Sciences/Biotechnology and Student Services staff from Universities at Shady Grove**
- **Currently requesting funds from State & Couth to initiate design; A/E Selection underway.**

Germantown Innovation Center

- **County Government will finance existing space for technology incubator**
- **Minimum of 30,000 square feet with expansion capabilities to to 100,000 square feet**
- **Facility will contain private offices, wet-lab space and shared office support**
- **Goal of the incubator program is to provide R&D-ready space to local start-up companies to stimulate synergy among budding entrepreneurs in the County**

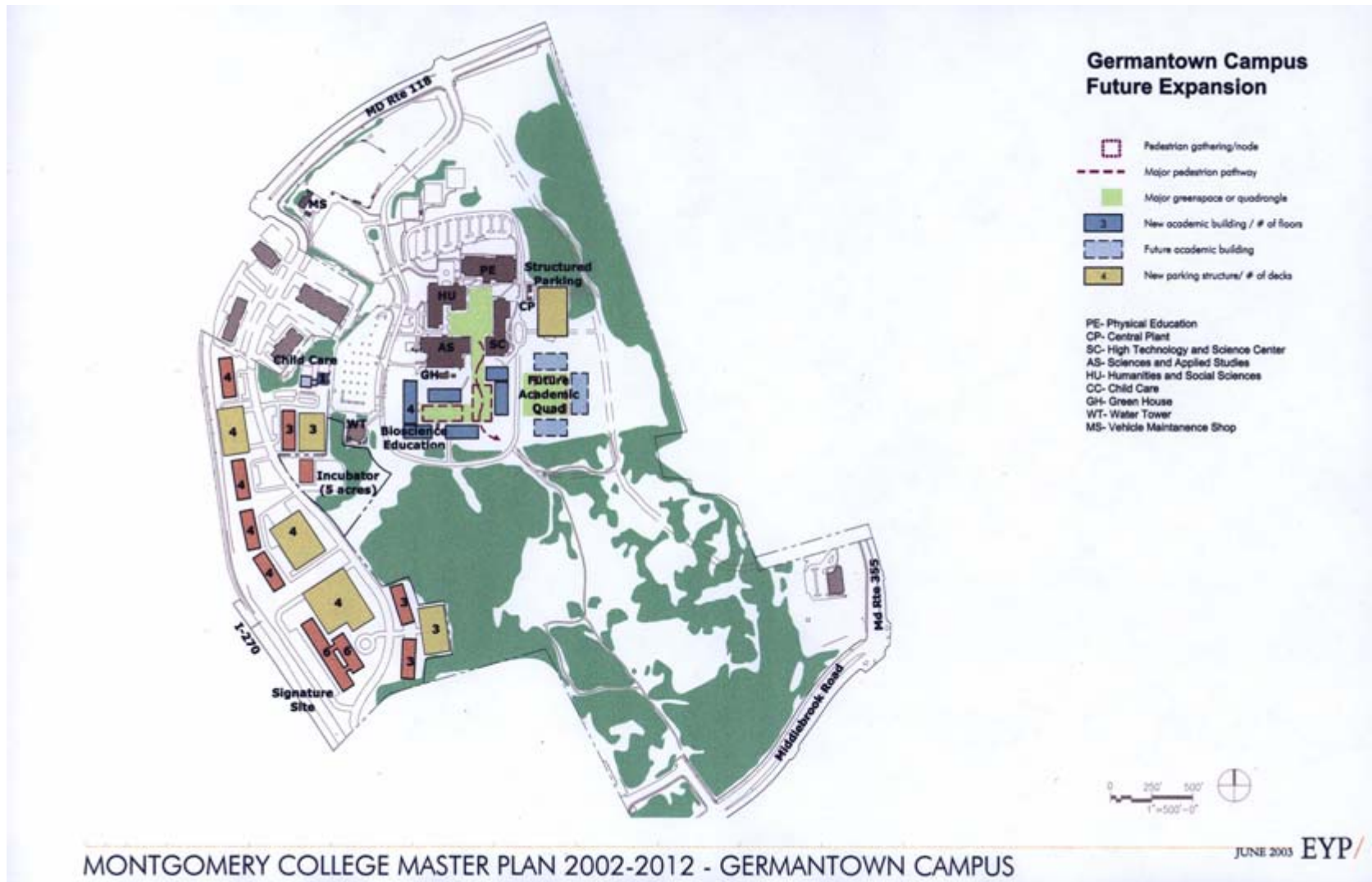
Science & Technology Park

- **College to lease land to at-risk private developer who will design, finance, invest in, construct, market, lease and manage the Science & Technology Park**
- **Space intended for companies at all stages of development**
- **Space allocated for Germantown Innovation Center**
- **Preference given to biotechnology, bioinformatics, IT, nanotechnology, and digital services**
- **Space allocated for allied businesses including venture capitalists, attorneys, accountants, and others**

Bioscience Education Center



Germantown Campus Future Expansion



Our Vision Realized --

- **Bioscience Education Center with state-of-the-art laboratories and facilities**
- **Baccalaureate degree in biotechnology available in Montgomery County**
- **Well-trained and educated workforce**
- **Internships and employment in the industry**
- **Scientists successfully transitioned from research to business**

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Our Vision Realized--

- **Thriving technology park with over 4,000 new jobs created and over \$1.9 million annual tax return**
- **A successful incubator nurturing business startups**
- **Industry opportunities for teaching, curriculum development, and laboratory support**
- **Montgomery County cited as premier technology and biotechnology center in the nation**

Project Supported By:

- Government
 - Montgomery County, State of Maryland and Federal Government
- Community Organizations
 - Committee for Montgomery, Gaithersburg Germantown Chamber of Commerce, Germantown Alliance, Montgomery County Chamber of Commerce, and Upcounty Citizens Advisory Board
- Industry Support Organizations
 - MdBio and Tech Council of Maryland
- Biotechnology Companies
 - BioReliance, Celera, EntreMed, GenVec, Human Genome Sciences, MedImmune, and RRD International
- Venture Capitalists and Law Firms
 - Emerging Technology Partners, NEA, Nixon Peabody, and Toucan Capital

Montgomery College

Germantown Development Project

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