About Harrisburg University:

Harrisburg University offers an applied science and technology education for students who want a degree and a dedicated pathway to a career. Its focus is to educate career-minded individuals in the areas of science, technology, engineering and math (STEM careers), giving them the tools to succeed, while helping to shape their communities, locally and beyond. Our goal is to help stimulate economic growth in our region by establishing a STEM educated workforce — a necessary resource in today’s economy.

Mission:
The Harrisburg University of Science and Technology is an independent educational institution offering innovative academic and research programs in science and technology that respond to the needs of the region and support its economic development, provide educational opportunity for traditionally underserved students in urban environments, and create evidence-based national models.

At a Glance:
- Only science and technology-focused comprehensive university between Philadelphia and Pittsburgh
- Private, non-sectarian, not-for-profit, urban, teaching university
- Located in the city of Harrisburg in the county of Dauphin
- Incorporated in Commonwealth of Pennsylvania: December 12, 2001
- Chartered by Pennsylvania Department of Education: January 20, 2005
- Inaugural class arrived August 29, 2005
- Accredited by the Middle States Commission on Higher Education, June 22, 2009
- 65 full- and part-time employees
- Signature 16-story, $73 million, state-of-the-art Academic Center

Student Population:
- The University’s total student enrollment for undergraduate and graduate degree seeking students is 1,513 as of May 1, 2015.
  - Undergraduate Student Body is 49% female, and 49% minority
  - 98% demonstrate financial need
  - Ranked in top 20 of US News & World Report’s ethnic diversity category for Best National Liberal Arts Colleges
  - HU presently has over 150 undergraduate science and technology students enrolled from the Philadelphia School District—this is more than any other Pennsylvania university.
  - HU places 92% of its graduates in family-sustaining careers in their fields of study within six months of graduation.
  - HU undergraduate student average debt upon graduation is $6,000 less than the national average student education debt.

Academics:
- Full-time faculty with Ph.D. or Terminal Degree: 100%
Faculty-Analytics

- Bachelor of Science (B.S.) degrees awarded in Analytics, Biotechnology and Biosciences, Computer and Information Sciences, Interactive Media, Management & eBusiness, Geospatial Technologies, and Integrative Sciences
- Master of Science Degrees awarded in Analytics, Information Systems Engineering & Management, Learning Technologies, and Project Management
- Trimester system

Institutional Leadership:
Governance of the University includes a 30-member, independent, self-perpetuating Board of Trustees led by the Executive Committee. The Board of Trustees delegates authority for day-to-day operations to senior management.

Notes of Distinction:
- First private non-profit science and technology-focused institution chartered in the Commonwealth since Carnegie Mellon University
- Educational framework is competency-based, applied, and experiential
- Offers Central Pennsylvania’s only master’s degrees in IT Project Management, or Learning Technologies
- The University is a Project Management Institute® registered education provider
- Co-PI on NSF-funded ADVANCE grant focused on the recruitment, retention, and development of women academics in science, technology, engineering, and mathematics (STEM) disciplines

Institutional Affiliations & Partnerships:
- American Council on Education (ACE)
- Association of Independent Colleges and Universities of Pennsylvania (AICUP)
- Coalition of Urban and Metropolitan Universities (CUMU)
- National Science Foundation (NSF)
- Technology Council of Central Pennsylvania (TCCP)
- Consortium agreements with Penn State and St. Francis University
- Articulation agreements with Harrisburg Area Community College, Community College of Baltimore County, Lehigh Carbon Community College

About Harrisburg:
HU’s location in dynamic downtown Harrisburg connects people to a diverse and exciting community that is a wonderful place to call home. In 2010 Money Magazine rated Harrisburg as one of the nation’s top “Up and Coming Cities” and the area was ranked 12th in the “Best Places to Live” category in 2009 by Kiplinger’s Personal Finance. In 2010, Forbes Magazine ranked Harrisburg as 5th among America’s most livable cities; and the area as #2 among America’s best places to raise a family. The Capital Region is home to over 600,000 residents, making it the 52nd largest statistical metropolitan area in the nation.
Harrisburg is also home to the Capitol of the Commonwealth of PA, and downtown Harrisburg is the center for commerce regionally with a thriving, bustling downtown community of which Harrisburg University takes its home in the center. Strawberry Square, a downtown shopping center connected to our campus and new building, is the student center. The Whitaker Center for Science and the Arts provides auditorium space and numerous cultural events. Restaurant Row and City Island provide countless dining, shopping, sporting and socializing events. We have worked with a local developer to renovate to buildings downtown Harrisburg that now serve as dormitory space. The scenic nature areas along the nearby Susquehanna River offer a relaxing escape from classes and are the site for local concerts, art festivals, and shows. It is also possible to tour Harrisburg’s many historic museums, workout at the local fitness clubs, visit the theatres or take in a minor league baseball game.

About Analytics at HU:

Careers that focus on harnessing the theory and practice of applied mathematics and computational science continue to grow in demand. Harrisburg University’s Analytics Area has been designed to meet the demands of this interdisciplinary field that is particularly relevant in the healthcare and retail industries in the region and beyond.

HU offers a BS in Analytics, an MS in Analytics, and a 5-year BS to MS in Analytics with a concentration in Healthcare Analytics. To learn more about this program area, please visit click on the following link: http://harrisburgu.edu/courses/analytics-bs/

Qualifications:

Interested candidates should provide evidence of experience in teaching and instructional development with prior corporate experience being a plus.

Harrisburg University requires dedicated professionals who have the experience and desire to work in an active and collaborative environment that stresses high quality service deliver, entrepreneurial spirit, and close contact with a diverse group of internal and external constituents. HU is committed to the support and encouragement of a multicultural environment and seeks candidates who can make a positive contribution in this context.

Interested candidates should possess a/an:

- Earned doctorate from an accredited university in applied mathematics, computational science or a related field such as applied statistics or operations research;
- Minimum of 5 years of practical experience plus 2 years of teaching experience;
- Willingness and aptitude for undergraduate and graduate teaching;
- Ability to initiate and supervise interdisciplinary, applied projects;
- Areas of specialization span the broad range of Analytics topics with a special preference to analytics tools and trends, data warehousing and mining, predictive modeling, risk modeling and assessment, advanced reporting, systems thinking.
Faculty-Analytics

- Ability and willingness to teach upper-level, undergraduate mathematics, statistics, and/or computer science courses;
- Ability to teach several of the following courses: calculus, discrete mathematics, mathematical modeling, analytics tools and techniques, predictive modeling, healthcare systems, data warehousing and mining, advanced analytics and reporting, healthcare data, systems thinking and scenario analysis, health informatics and information systems, and/or risk modeling.

Interested applicants should forward a cover letter, curriculum vitae, evidence of teaching excellence (such as course evaluations, sample syllabi, or other teaching material), a statement of teaching philosophy, and a summary of relevant corporate relations to the attention of:

Ben Allatt, Associate Vice President
Human Resources
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