Viterbi School Research Highlights:

• The Information Sciences Institute created the Internet’s Domain Name System, TCP/IP protocols, co-developed the Globus Grid Computing architecture and is the home of the MOSIS chip brokerage.

• One of only four universities with two active National Science Foundation-funded Engineering Research Centers: the Integrated Media Systems Center and the Biomimetic MicroElectronic Systems Center.

• A robust industry program including the Center for Interactive Smart Oilfield Technologies, established by Chevron; the Pratt & Whitney Institute for Collaborative Engineering; and the Aerospace Institute for Engineering Research, funded by Airbus.

• The Center for Risk and Economic Analysis of Terrorism Events, the nation’s first university center of excellence funded by the U.S. Department of Homeland Security.

• METRANS, the National Center for Metropolitan Transportation Research.

• The Institute for Creative Technologies (ICT), a collaboration with USC Annenberg School for Communication, USC School of Cinema-Television and the Hollywood industry.

• The USC Alfred Mann Institute, a $160 million center dedicated to applied research on and rapid commercialization of biomedical devices and other health-related technologies.

• The Stevens Institute for Technology Commercialization (STiC), combining technology transfer with rigorous academic programs in commercialization issues.

• The High Performance Computing Center’s cluster computer operated by USC and the Viterbi School is currently ranked the fourth most powerful in U.S. academia.

Viterbi School Education Highlights:

• An SAT average of 1388 for incoming freshmen for the last two years has been leading a dramatic rise in quality of USC undergraduates.

• Qualified undergraduates may simultaneously complete requirements for B.S. and M.S. degrees in five years through the unique progressive degree program.


• An inventive curriculum: introduction to engineering features “freshman academies”, which offer insight on how engineers affect society, technology, history and politics; adds biology to the traditional physics, chemistry and mathematics mix; and gives talented freshmen the opportunity to engage in research with faculty.

• The Distance Education Network (DEN), the largest engineering e-learning graduate program in the USA, recently signed agreements to provide distance learning to international employees of Chevron and Qualcomm.

• The Viterbi School has established relationships with the Indian Institute of Technology-Kharagpur and China’s Tsinghua University.

• Aggressive recruitment of female tenure-track faculty is proceeding with the help of the Women In Science and Engineering program at USC, a unique resource.

2005 marks the centennial of engineering at the University of Southern California (USC), and the next step in accelerating the momentum that has propelled the USC Viterbi School of Engineering into the upper echelon. To help achieve this goal, the school is currently recruiting for a dynamic dean who can build upon the following enviable list of accomplishments. The school’s graduate program consistently ranks in the top 10, (top 5 among private schools) in U.S. News & World Report rankings. The roster of 170 tenured and tenure-track faculty includes 24 members of the National Academy of Engineering, seven winners of the Presidential Early Career Award, 40 Early Career Award winners, four winners of the Shannon Award and a co-winner of the 2003 Turing Award. With $150 million in research expenditures annually, USC’s Viterbi School of Engineering ranks at or near the top in research funding per tenure-track faculty member. The school has 42 endowed chairs, professorships and career development chairs.

The Viterbi School, which has 24,000 alumni, has raised $200 million in the first half of a seven-year fundraising initiative, including:

• A $52 million gift from Andrew and Erna Viterbi—the largest gift to name an existing engineering school

• A $22 million gift from Mark and Mary Stevens to start the Stevens Institute for Technology Commercialization

• A $15 million gift from the John and Julie Mork family to name the Department of Chemical Engineering and Materials Science

• A $10 million gift from Daniel J. Epstein to name the Department of Industrial and Systems Engineering

Earlier this year, the school dedicated the new, 103,000 square-foot Tutor Hall of Engineering with its advanced laboratories for recently launched initiatives in information technology/communications, nanotechnology and biological-medical device technologies in addition to state-of-the-art student learning and social facilities.

The 1,900 undergraduates and 3,300 graduate students (2,300 M.S. and 1,000 Ph.D.), are studying in a curriculum undergoing rapid innovation to prepare students for the new digital 21st century. In its metrics, entering freshman classes have recently been leading all of USC, now one of the most selective universities in the nation. And a passion for innovation doesn’t end on campus. More than 900 students are currently pursuing degrees through the school’s Distance Education Network, which offers 26 fully accredited M.S. programs around the world through a USC-designed high-speed Internet delivery system.

The Viterbi School is advised closely by a 55-member Board of Councilors, the membership of which includes a mix of highly successful senior executives from the defense, technology and energy industries, as well as distinguished alumni and leading academics.

The new Dean must possess an exceptional academic reputation; demonstrated executive and administrative skills; creativity; a strong motivation for accomplishment; and be comfortable in a high visibility environment. He or she must embrace the university’s emphatic endorsement of multidisciplinary projects, and energetically promote an environment in which Viterbi School faculty collaborate with faculty from the USC College, Keck School of Medicine, Annenberg School for Communication, Rossier School of Education, Marshall School of Business and others. Experience as an academic and/or research leader, especially in engineering, is required.

The ideal candidate should have an advanced engineering degree and knowledge or experience in financial and strategic planning, fundraising and marketing. Excellent communication and interpersonal abilities are essential. The position will require establishing and maintaining relationships with entities and individuals, ranging from senior university personnel, faculty, students, parents and alumni to industry executives and individual donors.

To apply for this position, send letters of application, including CV and contact information for three references to Nicholas Brill at viterbisearch@brillneumann.com. Expressions of interest and nominations are also welcomed. AA/EOE. For additional information, please go to http://viterbi.usc.edu.