Dr. Anthony Caruso is an associate professor of physics at UMKC who started his tenure-track appointment in the fall of 2007 and was promoted with tenure last year.

In total, Dr. Caruso has authored more than 50 internationally recognized peer-reviewed journal articles; been issued two patents; completed three article reviews; written two book chapters; and has four pending patents. Additionally, he has given dozens of invited talks, supervised 25 students, submitted more than 80 proposals and white papers and been awarded nearly $7 million in grant funding as a principle investigator.

Dr. Caruso’s interests include studying the relationship between metallically and magnetism, developing new methods to measure the energy of free neutrons, understanding how electrons move in thin films, and finding ways to recover and reuse more energy in hybrid-electric vehicles.

Dr. Caruso has distinguished himself in teaching, service and research. Teaching both lower-level and upper-level courses, he is an enthusiastic educator who infuses his curriculum with excitement and is active within the department.

Although he has many strengths, one nominator noted that it is through his research that Dr. Caruso shines especially bright—“to the point that he is not just amongst the best, but is the clear leader.”

In 2004, Dr. Caruso was named a Bukey Fellow at the University of Nebraska where he received a master’s and Ph.D. in physics and astronomy. He is also the recipient of the University of Nebraska Folsom Dissertation Prize.

One nominator wrote, “In 35 years in academia, I can think of no other early career faculty member who has accomplished as much in his short career.”