

EDUCATION

- August 2014 – December 2015, PhD level courses, Integrated and Applied Science (Physics track) with emphasis in Carbon Nanotubes, Saint Louis University, St. Louis, MO
- 2011, MS in Physics with emphasis in Photonics, Southern Illinois University Edwardsville, Edwardsville, Illinois.
MS - Physics with emphasis in Photonics, August, 2011
- 1984, BS in Physics, Tirana University, Tirana, Albania:

TEACHING ACCOMPLISHMENTS

Washington University in St. Louis, St. Louis, MO

Introductory Physics Lab Manager and Academic Program Coordinator, Physics Department,
August 2016 – present

- Updates and enhances the current laboratory materials.
- Monitors and implements improvements for teaching laboratories.
- Manages teaching laboratories.
- Provides lab instruction, training, and pedagogical support to Lab Assistants to Instructor.
- Manages the operation, maintenance, supplies, equipment, and documentation of all experiments.
- Conceptualizes new labs as new courses are developed.

Washington University in St. Louis, St. Louis, MO

Instructor, First-Year Summer Academic Program (FSAP), Summer 2017 – present

- Instructs academic lessons for Principals and Practice of Physics courses for incoming freshman students.
- Develops and implements course curriculum and syllabus.
- Interacts with students to provide assistance on daily work to enhance critical thinking and problem-solving skills.

Gateway STEM High School, St. Louis, MO

Science Department Head, August 2011-August 2016

- Defined the department's mission and objectives within institutional guidelines and resources available.
- Responsible for developing and administering rules and practices for the department, which are consistent with the school policies.
- Provided leadership, motivation, and management toward achieving excellence in teaching and other activities of the department.

Science Teacher, March 2005-August 2016

- Instructed academic lessons for Physical Science (grade 9), Physics (grade 11-12), AP Physics (grade 12th), College Summit (grade 12th)
- Developed curriculum and lesson plans for students at various levels.
- Interacted with administrators, colleagues, parents, and representatives of community organizations.

Education Department, Tirana, ALBANIA

Physics Specialist-Curriculum Coach, September 1995- July 2001

- Organized and directed the workshops with physics teachers about learning styles, teacher's expectations, and student achievements.
- Developed and monitored programs, plans, and professional performance.
- Selected and approved physics textbooks, wrote and upgraded course descriptions as necessary.

“INKUS” High School, Tirana, ALBANIA

Principal, March 1992-September 1995

- Provided leadership and day-to-day management of educational activities in school.
- Worked with 40+ teachers and staff to develop and maintain high curriculum standards, developed mission statements, and set performance goals and objectives.
- Visited classrooms, observed teaching methods, and reviewed instructional objectives.
- Interacted with parents, administrators, and representatives of community organizations.
- Became involved in fundraising to secure financial support for the school.

Teacher, September 1984-September 1995

- Instructed grades 9-12 in physics, mathematics, technical drawing.
- Developed curriculum, lesson plans, and designed tests for students at various levels.

CERTIFICATIONS

- Physics Teacher 9-12, lifetime certificate, ALBANIA
- Physics Teacher 9-12, lifetime certificate, MISSOURI
- AP Physics, University of Texas Dallas, Texas, August 2009
- Mathematics Teacher 9-12, lifetime certificate, MISSOURI

AWARDS

- STEM Teacher of the Year, St. Louis Public Schools, May 2012
- Loeb Prize for Excellence in Teaching Science and Math, Finalist, May 2012
- Emerson Excellence in Teaching, November 2012
- Science Teacher of the Year, St. Louis Public Schools, February 2014