

BRANISLAV R. DJORDJEVIC, Ph.D.

(571) 225-8612 bdjordje@gmu.edu

CV

EDUCATION

1993 – 1996. *Michigan State University*, East Lansing, MI

Ph.D. – Theoretical Physics

1986 – 1989. *University of Belgrade*, Belgrade, Serbia

M.S. – Theoretical Physics

1977 – 1983. *University of Belgrade*, Belgrade, Serbia

B.S. Diploma, – Theoretical Physics

1972 – 1974. *Mathematical Grammar School of Belgrade*, Serbia

Diploma in Mathematics and Natural Sciences

TEACHING EXPERIENCE

2014 Jan – present, *George Mason University*, VA

Term Associate Professor of Physics

- Teach University Physics I, II, and III courses, University Physics I laboratories, College Physics I and II courses, University Physics and College Physics recitations, University Physics I Laboratory Coordinator. (Blackboard, Canvas, Mastering Physics).

2013 Jun – Dec, *George Mason University*, VA

Adjunct Faculty

- Taught University Physics I and II, calculus based courses and recitations. (Blackboard, Mastering Physics).

2012 May – present, *Northern Virginia Community College*, VA

Adjunct Professor

- Teach face-to-face and online Physics courses (Blackboard, Canvas, WebAssign).

2012 Feb – present, *Georgia Military College*, GA

Adjunct Assistant Professor

- Teach online Physics and Physical Science courses with Lab (Moodle).
- Developed MAT109 online course

2012 Jan – Dec. *Argosy University*, AZ

Adjunct Faculty in Mathematics

- Taught online Introductory Mathematics course (eCollege + MML).

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2009 Jun – 2013 Jun. *ECPI University*, Virginia Beach, VA

Adjunct Faculty in Physics

- Taught online Physics courses with Lab (PHY120, PHY120L) (Moodle + Physics Place) and taught Introductory Mathematics (MTH099), Moodle + MathXL).

2008 Nov – 2010 May. *Potomac College*, Washington, DC

Adjunct Faculty

- Taught Pre-Algebra, Introductory Algebra, and Statistics, both online and on site (Angel).

1997 Jan - June. *Lansing Community College*, Lansing, MI

Adjunct Faculty in Physics

- Taught calculus based Electricity and Magnetism courses.

1992 Jan - Dec. *Lansing Community College*, Lansing, MI

Physics Instructor

- Taught introductory, and calculus based physics: Mechanics and Heat, Electricity and Magnetism; General Physics I and II laboratory.

1972 – 1982. *Astronomical Society "Rudjer Boskovic"*, Belgrade, Serbia

Lecturer

- Lectured on various topics in astronomy and physics, to visiting students, general public, and junior society members, in classroom, at the observatory, and in the planetarium.

RESEARCH and INDUSTRY EXPERIENCE

Metron Aviation, Inc., Dulles, VA (11/2008 – 3/2013)

Senior Research Analyst

- Research in Aviation Science for NASA, FAA and airline industry.

GEICO, Chevy Chase, MD (08/2006–04/2008)

Software Engineer Consultant

- Smalltalk object oriented development and design.

Verizon, Arlington, VA (12/2000–07/2006)

Software Engineer

- Smalltalk and Java object oriented development and design.

Vitech Corporation, Vienna, VA (09/1999–11/2000)

Software Developer

- Smalltalk programming.

Gateway Systems Corp., East Lansing, MI (01/1997–08/1999)

Software Engineer

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- Smalltalk programming.

Physics Dept., Michigan State University, East Lansing, MI (01/1993–05/1996)

Research Assistant

- Research in theoretical condensed matter physics.

Physics Dept., Michigan State University, East Lansing, MI (04/1991–12/1992)

Visiting Research Scholar

- Studied disordered magnetism, and optical spectra of magnetic materials

Institute for Theoretical Physics, Belgrade, Serbia (08/1984 – 03/1991)

Research Scholar

- Research in disordered magnetism. Used various advanced mathematical analytical tools.

PROFESSIONAL MEMBERSHIP

- Member of **American Association of Physics Teachers (AAPT)**

SCHOLARSHIPS and AWARDS

1996	Fellowship for writing Ph.D. thesis at Michigan State University
1993 - 1995	Research Fellowship, Michigan State University.
1991	Graduate Scholarship from National Research Council of Yugoslavia.
1974	Second National Prize on the Federal Competition in Astronomy, Ljubljana, Slovenia.
1974	Diploma “Mihailo Petrovic – Alas”, for outstanding success in mathematical sciences, particularly in Physics and Astronomy.