

Agnes Vojta

Teaching Professor
Missouri University of Science and Technology

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Education:

09/1991 - 10/1994: Max-Planck Society, Group Mechanics of heterogeneous solids,
Technische Universität Dresden, Germany
Dr. rer. nat. (compares to PhD) in Physics, 1994 (magna cum laude)
Thesis title: *Crack pattern formation as a structure forming process*
Advisors: Dr. Ute Bahr, Dr. Hans-Achim Bahr

09/1986 - 07/1991: Department of Physics, Technische Universität Dresden, Germany
Diploma (compares to MS) in Physics, 1991
Thesis title: *Growth of crack structures*, Advisor: Dr. Ute Bahr

Appointments:

Since 09/2018: Teaching Professor
Department of Physics, Missouri University of Science and Technology

08/2015-07/2015: Associate Teaching Professor
Department of Physics, Missouri University of Science and Technology

08/2008-07/2015: Lecturer
Department of Physics, Missouri University of Science and Technology

01/2002-07/2008: Adjunct Assistant Professor
Department of Physics, University of Missouri – Rolla

01/1997-12/2001: Research Associate
Materials Science Institute, Technische Universität Dresden, Germany

11/1994-10/1996: Postdoctoral Researcher
Materials Department, University of California Santa Barbara

09/1991-10/1994 Graduate Research Assistant
Max-Planck Society, Group Mechanics of heterogeneous solids,
Technische Universität Dresden, Germany

09/1992-10/1992 Visiting Researcher
Department of Materials Science and Engineering, University of Pennsylvania

Teaching at Missouri S&T/UMR:

All courses taught are required courses for mostly non-majors. Cumulative average teaching evaluation score over the past 10 years: 3.33/4.

- *Engineering Physics I* (Physics 1135)
- *College Physics I* (Physics 1145)
- *College Physics II* (Physics 2145)
- *General Physics I* (Physics 21)
- *Engineering Physics II* (Physics 2135)
- *Introduction to Physics* (Physics 1101)

Service:

Campus:

- Member of search committee for Dean of College of Arts, Sciences, and Education (2021/22)
- Member of committee to review mathematics courses (2020/2021).
- Presenter at CAFÉ event “Strategies for Teaching Large Classes, Multiple Sections” February 11, 2020
- External reviewer for promotion of NTT faculty in English & Tech Com (2022, 2020, 2016)
- Member of promotion committees for two NTT faculty in Mathematics and Statistics (2020)
- Faculty Interaction Luncheons during Opening Week (since 2017)
- Faculty advisor for Missouri S&T Equestrian Club (since 2016)
- Teaching Partners mentor (since 2017)

Department:

- Undergraduate advisor for physics majors (since 2012).
- Transfer and A&R (formerly PRO) advisor (since 2018)
- Guide for department visits of prospective students (Discover Day, Open House, individual visits) (since 2018).
- Social media coordinator and website admin (since 2017)
- Editor department newsletter (since 2018)
- Curriculum Committee (since 2019)
- Teaching Taskforce (2021)

- Ad-hoc salary policy committee (2019)
- Search committee for physics NTT faculty position (2016/17)
- Reviewer for promotion of physics NTT faculty (2017)
- Introductory Course Committee (since 2013)
- LEAD coordinator - organize and supervise Physics Learning Centers (since 2014)
- Host Women in Physics event for female students and faculty (2019)

Grants:

- Problem collection for Engineering Physics I, UM System Affordable & Open Educational Resources (A&OER) initiative, January 2018
- Education Research mini grant for project “Comparison of Learning Outcomes and Student Demographics Between Classroom-Based and Asynchronous Online Lectures in Large Enrollment Engineering Physics Courses”. Joint project with Dr. Jim Musser, Physics. Collaboration with Dr. Gayla Olbricht and graduate student Rukman Ekanayake, Mathematics and Statistics, on data analysis.

Honors and awards:

- Dr. Elizabeth Cummins Women’s Advocate Award 2022
- Faculty Achievement Award 2021
- Nomination for *We Love Your Class* Award, 2nd place, 2020
- Nomination for *We Love Your Class* award (2011)
- Otto Hahn Medal of the Max Planck Society (1995)
- Fellowship of the German Academic Exchange Service (1994)