

## Let's shape the future of neurological surgery together.

### Faculty Positions in Neuroscience

Rutgers University Department of Neurosurgery at Robert Wood Johnson and New Jersey Medical Schools and Rutgers Brain Health Institute seek to recruit outstanding federally-funded faculty who will help execute our mission of building a world-class translational neuroscience research program in one of the leading academic medical centers in the United States. Openings will be filled at the rank of Assistant, Associate, or Full Professor. The recent merging of the two departments of Neurosurgery at Robert Wood Johnson and New Jersey Medical Schools, under the leadership of newly recruited Chair, Dr. Anil Nanda, has led to the formation of a department composed of basic and translational research scientists, clinician scientists, and clinicians working collaboratively on high-impact basic and clinical research. The scientific focus of the Department is on bench-to-bedside research to understand mechanisms of disease development, progression, and prevention in the areas of epilepsy, traumatic brain injury, stroke, spinal cord injury, and cancer; and to translate research findings into novel therapeutic approaches with a particular focus on neuromodulation, metabolism, and epigenetics. In addition, we apply neuroimaging techniques in understanding disease processes and monitoring their response to therapy. These research topics are also part of the four focus areas at the Rutgers Brain Health Institute, which is the home for the overall Rutgers neuroscience initiative, and is a growing interdisciplinary institute consisting of more than 250 principal investigators with neuroscience laboratories across various campuses of Rutgers University and Rutgers federally-funded research program in epilepsy, traumatic brain injury, stroke, spinal cord injury, brain cancer, or neuroimaging.

Applicants must have a PhD, MD, or equivalent doctoral degree, with demonstrated ability to lead an independent, federally-funded research program in epilepsy, traumatic brain injury, stroke, spinal cord injury, or brain cancer. We offer substantial resources and outstanding core facilities to support these positions. Candidates applying for a position at the Assistant Professor level are expected to have K99/R00 grants or equivalent and develop a rigorous extramurally funded research program. Candidates at the Associate and Full Professor level are expected to have an established federal grant portfolio that can be transferred to Rutgers. Rutgers values a culturally diverse faculty; we strongly encourage applications from female and minority candidates. Applications for these positions will be screened immediately and the search will continue to be considered until September 2020.

#### Direct Contact Information

Applicants should submit a 1-page letter of interest, current Curriculum Vitae including a complete list of publications, and a 3-page research statement.

#### Deflev Boison, Ph.D.

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Rutgers, The State University of New Jersey, is an Affirmative Action/Equal Opportunity Employer, M/F/D/V



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#### HEAD, DEPARTMENT OF PHYSICS AND ASTRONOMY, PURDUE UNIVERSITY

Purdue University's College of Science invites applications for the role of Head of the Department of Physics and Astronomy, with the possibility where suitable of an accompanying named and/or distinguished professorship. We seek a recognized researcher with a proven track record of leadership, scholarship, and mentoring. Following a very positive recent external visiting committee review and substantial investment in new hires and facilities, the successful candidate will have a clear plan to continue to increase the visibility, stature, and intellectual leadership of the Department and the College of Science, and will demonstrate a commitment to teaching excellence.

Physics and Astronomy is an interdisciplinary department with more than 50 faculty involved in research spanning most of the broad portfolio of the physics and astronomy subfields. Recent faculty hiring initiatives in atomic, molecular, and optical physics and in quantum information science have led to exciting new strengths in those areas, as well as the traditional areas of condensed matter, high energy, astrophysics, biological physics, nuclear physics, and physics education. Departmental faculty are also involved in University-wide multidisciplinary research in quantum photonics, nanoscience, and quantitative biosciences. Further information about the Department can be found at <https://www.physics.purdue.edu/> and additional materials are available upon request.

The Department of Physics and Astronomy is one of seven departments in the College of Science, with involvement in numerous interdisciplinary programs and centers. Key initiatives of interest to a new head will include university priorities and centers in the data & computational sciences and quantum science & engineering as well as substantial recent investments in the geosciences, life sciences, environmental & atmospheric science, and space sciences & engineering. Further information on the College of Science is available on the website at [www.science.purdue.edu](http://www.science.purdue.edu).

**QUALIFICATIONS:** The successful candidate will have a Ph.D. in Physics, Astronomy, or a related discipline, an outstanding record of scholarly achievement and a history of extramurally funded research commensurate with the rank of full professor at Purdue, exceptional and proven leadership abilities, a vision for the Department in the University, state, and nation, a commitment to excellence in undergraduate and graduate education, a record of teaching achievement, an enthusiasm for engagement, and a dedication to championing diversity, equity, and inclusion.

**APPLICATIONS:** Interested candidates should submit a cover letter, curriculum vitae, a statement of research and teaching accomplishments, a vision statement for the future of research and education in the Department, and the names and email addresses of three references who might be contacted later (contingent upon approval of the candidate) after an initial short list of candidates is selected by the Committee. Applications should be submitted to <https://career8.successfactors.com/scareer/jobreq?jobId=10675&company=purdueuniv>. Inquiries should be directed to Chris Greene, Chair of the Physics and Astronomy Head Search Committee, [chgreene@purdue.edu](mailto:chgreene@purdue.edu). Review of applications will begin August 28, 2020, and will continue until the position is filled. A background check is required for employment in this position.

Purdue University's Department of Physics and Astronomy is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in a separate Diversity and Inclusion Statement, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

*Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.*