Brief bio

KYLE D. SQUIRES, PH.D.
Dean of the Ira A. Fulton Schools of Engineering
Foundation Professor, mechanical and aerospace engineering
Ph.D., Stanford University

Kyle Squires is the dean of the Ira A. Fulton Schools of Engineering at Arizona State University. He previously served as the vice and interim dean. Squires holds a B.S. in mechanical engineering from Washington State University and M.S. and Ph.D. degrees in mechanical engineering from Stanford University.

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Kyle Squires is the dean of the Ira A. Fulton Schools of Engineering at Arizona State University. Appointed in February 2016, Squires previously served as vice and interim dean, as well as the director of the School for Engineering of Matter, Transport and Energy, one of the six Fulton Schools of Engineering. A professor of mechanical and aerospace engineering, Squires holds a B.S. in mechanical engineering from Washington State University and M.S. and Ph.D. degrees in mechanical engineering from Stanford University. Squires’ expertise encompasses computational fluid dynamics, turbulence modeling of both single-phase and multi-phase flows, and high-performance computing.
Kyle Squires is the dean of the Ira A. Fulton Schools of Engineering at Arizona State University. With over 20,000 students and nearly 60 degree options offered on two campuses and online, the Fulton Schools of Engineering is one of the largest and most comprehensive engineering schools in the United States. Faculty and students in the Fulton Schools are engaged in research and innovation endeavors that result in approximately $100M of external funding and numerous entrepreneurial outputs.

Squires was appointed dean of the Fulton Schools in February 2016 after serving as vice dean and interim dean during the 2015-2016 academic year. Previously, he served as director of the School for Engineering of Matter, Transport and Energy (SEMTE), one of the six Ira A. Fulton Schools of Engineering. As SEMTE director, he oversaw degree and research programs in aerospace engineering, chemical engineering, materials science and engineering, mechanical engineering and the professional science master’s program in solar energy engineering and commercialization.

Squires leads the advancement of the Fulton Schools, focused on global leadership in engineering education and research and innovation at scale. Central to the student experience is the “Fulton Difference” – opportunities beyond the classroom that include signature undergraduate and graduate research, peer mentoring, entrepreneurship, student organizations, internships, and community service. The Fulton Schools research enterprise is characterized by discoveries of fundamental value and advancement of technologies for immediate impact, as evidenced by the fact that FSE is among the top 10 schools in the country for licenses and options, startups and invention disclosures per $10 million in research expenditures.

With an established record in research leadership and academic administration, Squires is working with the faculty and students to increase the impact of the Fulton Schools worldwide. This includes driving educational innovation at scale to deliver high-quality engineering degree programs online, recruitment of outstanding faculty, and scaling up of the FSE research enterprise to create an unparalleled innovation engine for the state and region.

Squires is a professor of mechanical and aerospace engineering. Prior to joining ASU in 1997, Squires was on the faculty of the mechanical engineering department at the University of Vermont. Previously he was a postdoctoral research associate at the Center for Turbulence Research.
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Research at Stanford University. Squires’ expertise encompasses computational fluid dynamics, turbulence modeling of both single-phase and multi-phase flows, and high-performance computing. Specific interests include the use of direct numerical simulation and large eddy simulation applied to particle-laden turbulent flows and the development of hybrid Reynolds-averaged and large eddy simulation techniques for high Reynolds number wall-bounded flows. Squires applies his expertise to exploration of ways to improve the aerodynamics of aircraft, ground vehicles and sports equipment.

He has held numerous visiting appointments in the U.S., Japan and France and was elected a Fellow of the American Physical Society in 2008. Squires holds a B.S. in mechanical engineering from Washington State University and M.S. and Ph.D. degrees in mechanical engineering from Stanford University.

More information:

- Fulton Schools of Engineering Fact Book: [https://engineering.asu.edu/factbook/](https://engineering.asu.edu/factbook/)
- Photo downloads available online: [https://flic.kr/s/aHskfQ54Yx](https://flic.kr/s/aHskfQ54Yx)