

Tijana Raijh (nominated by Cristina Negri)

Dear AWIS Committee,

With this email, I am submitting the nomination of Tijana Raijh, Ph.D. for the Third Annual AWIS Innovator Award. Dr. Raijh is the Nanobio Interfaces Group Leader in the Center for Nanoscale Materials at Argonne National Laboratory.

Dr. Rajh is nominated for her outstanding scientific innovation achievement in the development of ligand-induced surface restructuring chemistries for metal-oxide nanoparticles. Rajh's work establishes the foundation for the creation of entirely new classes of hybrid biomolecular-inorganic materials with tailored functionalities that are unattainable with the individual components. Dr. Rajh's work has lead to the creation of a number of successful nanocomposite prototypes with potential applications in a wide variety of fields such as chemical catalysis, sensors, information storage, artificial vision, computing, biomedicine and cancer treatment.

In addition to her outstanding scientific innovation achievements, Dr. Raijh is a committed and exceptional mentor, role model and energetic member of Argonne Women in Science and Technology community, which she has supported throughout her Argonne career through committee work, participation to technical women symposia, effective mentoring of early career and student women, and through volunteering for our award-winning Science Careers in Search of Women Conference, this year in its 22nd edition.