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Activities & Accolades



4/8/2009 — [EECS PhD Candidate Can Bayram receives \\$10,000 prize from Dow Sustainability Innovation Challenge](#)



EECS PhD Candidate Can Bayram (25) is selected as a winner by The Northwestern Institute for Sustainable Practices on the 2009 Dow Sustainability Innovation Challenge in recognition of his research contributing to global sustainability. The challenge is a new initiative of The Dow Chemical Company Foundation to recognize exceptional work by students who are engaged in ongoing scientific, technical or social research to develop innovative, interdisciplinary approaches to meet human needs while also protecting the environment, promoting economic growth and achieving social welfare. Can receives this award for his creative work to develop high quality, energy efficient green light emitting diodes, under the supervision of his advisor Prof. Manijeh Razeghi of Northwestern University. Can graduated from the Electrical and Electronics Engineering Department of Bilkent University in 2005, and he is a Ph.D. candidate in Electrical Engineering at the Center for Quantum Devices of Northwestern University since then. "Based on the strong foundation of my scientific education in Izmir Science High School and Bilkent University, and thanks to the unique facilities at Center for Quantum Devices and unique collaboration opportunities with Nanovation, I am delighted for my dedicated research efforts to be recognized with this prestigious award. I will allocate the \$10,000 award as the seed money in my early research career on solid state lighting and solar cell research." Can says. His current research interests include the growth, characterization, fabrication and measurement of (Al, Ga, In)N and ZnO based opto-electronic devices with a special focus on ultraviolet-visible range detectors and light emitters. He has precision engineered high quality materials that leads to world' highest performance nitride optoelectronic devices. He has published 14 articles in high impact SCI journals, and 14 international conference papers & presentations.

The official award ceremony will be held on May 1 in Northwestern University, where his achievements will be recognized. An event to recognize prize winners from Northwestern, Cambridge, Peking, Tufts, Michigan and Sao Paolo is scheduled for October to take place in Michigan.

- 1) Northwestern University McCormick Engineering News Article
[McCormick news article](#)
- 2) Northwestern Institute for Sustainable Practices Web Site Announcing the Award
www.sustainability.northwestern.edu
- 3) Northwestern Institute for Sustainable Practices Press Release
[Dow Press Release](#)
- 4) [Web page of Can Bayram where his research and accomplishments are available.](#)