



Press release

Gaviria Rojas awarded SPIE Optics and Photonics Education Scholarship

BELLINGHAM, Washington, USA – 29 May 2015 – William A. Gaviria Rojas has been awarded a 2015 Optics and Photonics Education Scholarship by SPIE, the international society for optics and photonics for his potential contributions to the field of optics, photonics or related field.



Gaviria Rojas is pursuing a PhD in Electrical Engineering at Northwestern University (USA). He is carrying out his research in the Center for Quantum Devices under Professor Manijeh Razeghi. Gaviria Rojas' research interests include III-Nitrides and their applications to solid state devices. He is working to fabricate high wall-plug efficiency UV light-emitting diodes (LEDs); 340nm UV laser diodes (LDs) with room temperature continuous wave emission and high average power; UV focal plane arrays (FPAs) with high external quantum efficiency, sharp detection cutoff, and mid-format (640x512) or large-format (1024 x1024) pixel arrays.

In 2015 SPIE awarded \$353,000 in education and travel scholarships to 126 outstanding individuals, based on their potential contribution to optics and photonics, or a related discipline. Award-winning applicants were evaluated, selected and approved by the SPIE Scholarship Committee, Chaired by SPIE volunteer Cristina Solano.

Through 2014, SPIE has distributed over \$4.5 million dollars in individual scholarships. This ambitious effort reflects the Society's commitment to education and to the next generation of optical scientists and engineers around the world.

To view press releases of the scholarship recipients as they become available go to <http://spie.org/x1737.xml>. Contact scholarships@spie.org if you have any questions. Learn more at <http://spie.org/scholarships>.

[SPIE is the international society for optics and photonics](#), a not-for-profit organization founded in 1955 to advance light-based technologies. The Society serves nearly 264,000 constituents from approximately 166 countries, offering conferences, continuing education, books, journals, and a digital library in support of interdisciplinary information exchange, professional networking, and patent precedent. SPIE provided more than \$4 million in support of education and outreach programs in 2014.

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Media contact:

Stacey Crockett

Media Relations Coordinator, SPIE

+1 360-676-3290

staceyc@spie.org