



*Juan Sebastián  
Aguir Castriellón*

*has successfully completed the*

Undergraduate Research Experience Purdue-Colombia

Raman resonance characterization of materials and proteins for artificial  
photosynthesis

Certificate of Completion given the 6<sup>th</sup> day of August 2024

DocuSigned by:

*Yulia Pushkar*

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Yulia Pushkar, PhD  
Professor of Physics and Astronomy

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*Juan Diego Velásquez de Bedout*

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Juan Diego Velásquez de Bedout, PhD  
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