

# Stanford

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## Bridget Connor

Ph.D. Student in Chemistry, admitted Autumn 2015

### Bio

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#### STANFORD ADVISORS

- Hemamala Karunadasa, Doctoral Dissertation Advisor (AC)

### Publications

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#### PUBLICATIONS

- **Expanded Analogs of Three-Dimensional Lead-Halide Hybrid Perovskites.** *Angewandte Chemie (International ed. in English)*  
Umeyama, D., Leppert, L., Connor, B., Manupil, M. A., Neaton, J., Karunadasa, H.  
2020
- **A pencil-and-paper method for elucidating halide double perovskite band structures** *CHEMICAL SCIENCE*  
Slavney, A. H., Connor, B. A., Leppert, L., Karunadasa, H.  
2019; 10 (48): 11041–53
- **Understanding and controlling white-light emission from halide perovskites**  
Smith, M., Connor, B., Crace, E., Lindquist, K., Karunadasa, H.  
AMER CHEMICAL SOC.2019
- **Tuning the bandgaps of halide double perovskites**  
Slavney, A., Connor, B., Leppert, L., Neaton, J. B., Karunadasa, H.  
AMER CHEMICAL SOC.2019
- **Dimensional reduction of halide double perovskites**  
Connor, B., Leppert, L., Smith, M., Neaton, J. B., Karunadasa, H.  
AMER CHEMICAL SOC.2019
- **Teaching halide double perovskites to absorb sunlight**  
Slavney, A., Connor, B., Leppert, L., Neaton, J. B., Karunadasa, H.  
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- **Tuning the Luminescence of Layered Halide Perovskites.** *Chemical reviews*  
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2019
- **A pencil-and-paper method for elucidating halide double perovskite band structures.** *Chemical science*  
Slavney, A. H., Connor, B. A., Leppert, L., Karunadasa, H. I.  
2019; 10 (48): 11041–53
- **Layered Halide Double Perovskites: Dimensional Reduction of Cs<sub>2</sub>AgBiBr<sub>6</sub>** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*  
Connor, B. A., Leppert, L., Smith, M. D., Neaton, J. B., Karunadasa, H. I.  
2018; 140 (15): 5235–40
- **Charge Carrier Dynamics in Cs<sub>2</sub>AgBiBr<sub>6</sub> Double Perovskite** *JOURNAL OF PHYSICAL CHEMISTRY C*  
Bartasaghi, D., Slavney, A. H., Gelvez-Rueda, M. C., Connor, B. A., Grozema, F. C., Karunadasa, H. I., Savenije, T. J.  
2018; 122 (9): 4809–16