CURRICULUM VITAE

PERSONAL DATA

Name	Safia Abdullah Alharbi
Nationality	Saudi
Position	Lecturer
E-Mail	saralharbi@imamu.edu.sa
Phone	Studying abroad

EDUCATION

Year	Academic Degree	Institution
2023	PhD	University of Louisville, USA
2017	MS	University of Louisville, USA
2012	MS	king Saud University, Saudi Arabia
2001	BS	Princess Nora Bint Abdul Rahman University, Saudi Arabia

WORK EXPERIENCE

Period	Position	Address
2019- Current	Lecturer	Imam Mohammad Ibn Saud Islamic University (IMSIU)
2014-2019	Teaching Assistant	Imam Mohammad Ibn Saud Islamic University (IMSIU)
2012-2014	Vice Director of Scholarship administration (female section)	Ministry of Health
2001-2012	Administrator	Ministry of Health

RESEARCH INTERESTS

Theoretical Physics, Materials Science, Condensed Matter Physics, and Quantum Mechanics

PUBLICATIONS

- **Alharbi, Safia Abdullah R, Kazi Jannatul Tasnim, and Ming Yu. "The First-Principles Study of Structural and Electronic Properties of Two-Dimensional Sic/Gec Lateral Polar Heterostructures." *Journal of Applied Physics* 132, no. 18 (2022): 184301.**

- **Alharbi, Safia Abdullah R, and Ming Yu. *Strain Induced Bandgap Engineering on Two-Dimensional Sic/Gec in-Plane Heterostructures*. Vol. 2018. APS March Meeting Abstracts, 2018.**

- **Alharbi, Safia, Ahmad Nagab Alharbi, and Ming Yu. "Vertical Heterostructure of 2d Polar Binary Compounds (Gec/Sige): First-Principles Study." *Bulletin of the American Physical Society* (2023).**

- **Alharbi, Safia, Kazi Jannatul Tasnim, and Ming Yu. *First Principles Study of the Structural and Electronic Properties of the in-Plane Sic/Gec Heterostructures*. Vol. 2021. APS March Meeting Abstracts, 2021.**

- **Alharbi, Safia, Kazi Jannatul Tasnim, and Ming Yu. *Strain and Interface Effects on the Stability and Electronic Properties of Sige/Gec Lateral Heterostructure*. Vol. 2022. APS March Meeting Abstracts, 2022.**

- **Alharbi, Safia, and Ming Yu. "The Effect of Van Der Waals Force on Two-Dimensional Sic/Gec Heterostructures." *Bulletin of the American Physical Society* 65 (2020).**

- **Tasnim, K. J., S. A. R. Alharbi, M. R. K. Musa, S. H. Lovell, Z. A. Akridge, and M. Yu. "Insight into the Stacking and the Species-Ordering Dependences of Interlayer Bonding in Sic/Gec Polar Heterostructures." *Nanotechnology* 33, no. 15 (Jan 19 2022). https://dx.doi.org/10.1088/1361-6528/ac475b.**

- **Tasnim, Kazi Jannatul, Safia Abdullah R Alharbi, Md Rajib Khan Musa, Simon Hosch Lovell, Zachary Alexander Akridge, and Ming Yu. *The Role of the Electrostatic Interlayer Interaction in Sic/Gec Heterostructures*. Vol. 2021. APS March Meeting Abstracts, 2021.**

- **Tasnim, Kazi Jannatul, Safia Abdullah R Alharbi, Md Rajib Khan Musa, Simon Hosch Lovell, Zachary Alexander Akridge, and Ming Yu. *Stacking and Species Ordering Depended Electronic Properties of Sic/Gec Bilayer Heterostructur*. Vol. 2022. APS March Meeting Abstracts, 2022.**