

Kiah Marie Williams

Resident in Cardiothoracic Surgery

Publications

PUBLICATIONS

- **Career Research Productivity Correlates With Medical School Ranking Among Cardiothoracic Surgeons.** *The Journal of surgical research*
Bajaj, S. S., Wang, H., Williams, K. M., Pickering, J. M., Heiler, J. C., Manjunatha, K., Sanchez, M., O'Donnell, C. T., Boyd, J. H.
2021; 264: 99–106
- **Seeing is Believing.** *The Annals of thoracic surgery*
Williams, K. M., Backhus, L. M.
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- **Moving the Needle...Evidence of Durability of Impact.** *The Annals of thoracic surgery*
Williams, K. M., Backhus, L. M.
2021
- **National Institutes of Health R01 Grant Funding Is Associated with Enhanced Research Productivity and Career Advancement Among Academic Cardiothoracic Surgeons.** *Seminars in thoracic and cardiovascular surgery*
Bajaj, S. S., Wang, H., Williams, K. M., Pickering, J. M., Heiler, J. C., Manjunatha, K., O'Donnell, C. T., Sanchez, M., Boyd, J. H.
2020
- **Early Engagement in Cardiothoracic Surgery Research Enhances Future Academic Productivity.** *The Annals of thoracic surgery*
Wang, H., Bajaj, S. S., Williams, K. M., Heiler, J. C., Pickering, J. M., Manjunatha, K., O'Donnell, C. T., Sanchez, M., Boyd, J. H.
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- **New Attending Surgeons Hired by Their Training Institution Exhibit Greater Research Productivity.** *The Annals of thoracic surgery*
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- **Impact of advanced clinical fellowship training on future research productivity and career advancement in adult cardiac surgery.** *Surgery*
Wang, H., Bajaj, S. S., Williams, K. M., Pickering, J. M., Heiler, J. C., Manjunatha, K., O'Donnell, C. T., Sanchez, M., Boyd, J. H.
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2020
- **Multi-phase catheter-injectable hydrogel enables dual-stage protein-engineered cytokine release to mitigate adverse left ventricular remodeling following myocardial infarction in a small animal model and a large animal model.** *Cytokine*
Steele, A. N., Paulsen, M. J., Wang, H. n., Stapleton, L. M., Lucian, H. J., Eskandari, A. n., Hironaka, C. E., Farry, J. M., Baker, S. W., Thakore, A. D., Jaatinen, K. J., Tada, Y. n., Hollander, et al
2020; 127: 154974
- **Women in Thoracic Surgery Scholarship: Impact on Career Path and Interest in Cardiothoracic Surgery.** *The Annals of thoracic surgery*
Williams, K. M., Hironaka, C. E., Wang, H. n., Bajaj, S. S., O'Donnell, C. T., Sanchez, M. n., Boyd, J. n., Kane, L. n., Backhus, L. n.
2020
- **Type A Aortic Dissection-Experience Over 5 Decades: JACC Historical Breakthroughs in Perspective.** *Journal of the American College of Cardiology*

Zhu, Y. n., Lingala, B. n., Baiocchi, M. n., Tao, J. J., Toro Arana, V. n., Khoo, J. W., Williams, K. M., Traboulsi, A. A., Hammond, H. C., Lee, A. M., Hiesinger, W. n., Boyd, J. n., Oyer, et al
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- **Bioengineered analog of stromal cell-derived factor 1# preserves the biaxial mechanical properties of native myocardium after infarction.** *Journal of the mechanical behavior of biomedical materials*
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- **Use of a supramolecular polymeric hydrogel as an effective post-operative pericardial adhesion barrier.** *Nature biomedical engineering*
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- **Development and Ex Vivo Validation of Novel Force-Sensing Neo-Tendons for Measuring Chordae Tendineae Tension in the Mitral Valve Apparatus Using Optical Fibers With Embedded Bragg Gratings**
Paulsen, M. J., Bae, J., Imbrie-Moore, A. M., Wang, H., Hironaka, C. E., Lucian, H. J., Edwards, B. B., Farry, J. M., Deschamps, D., Kulkarni, R., Thakore, A. D., Williams, K. M., Cutkosky, et al
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- **A 3D Printed Ex Vivo Left Heart Simulator Quantifies and Validates Posterior Ventricular Anchoring Neochordoplasty**
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- **Asynchronous fate decisions by single cells collectively ensure consistent lineage composition in the mouse blastocyst** *NATURE COMMUNICATIONS*
Saiz, N., Williams, K. M., Seshan, V. E., Hadjantonakis, A.
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