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- Greer RH, **Kaur G**, Tomison MD, Shen CL, Dufour JM. Effect of early type 2 diabetes on male fertility. 10<sup>th</sup> Annual Undergraduate Research Conference (March 27-28<sup>th</sup>, 2018). (Published)
- \*Daniel H, Gabrilska R, Wright K, **Kaur G**, Dufour JM. The role of iNOS in Sertoli cell allotransplantation. 10<sup>th</sup> Annual Undergraduate Research Conference (March 27-28<sup>th</sup>, 2018). (Published)
- Kaur G**, Dufour JM. Mechanisms of Sertoli cell immune regulation. 52<sup>nd</sup> Annual Gene Families and Isozymes (GFI) Conference, Bahia del Sol, Potrero, Costa Rica (December 8<sup>th</sup> 2018). (**Oral presentation**). (Published)
- \*Wright K, **Kaur G**, Mital P, Dufour J. Induction of regulatory macrophages after Neonatal Pig Sertoli cell xenotransplantation. 2018 American Physician Scientists Association South Regional Meeting (Houston, TX, September 29, 2018). (**Best Poster**). (Published)
- Chwan-Li Shen, **Kaur G**, Wanders D, Sharma S, Tomison MD, Ramalingam L, Chung E, Moustaid-Moussa N, Mo H, Dufour JM. 2018 Annatto-extracted tocotrienols improve glucose homeostasis and bone properties in high-fat diet-induced type II diabetic mice by decreasing the inflammatory response. Scientific Reports; 8(1): 11377. (Published)
- \*Agrimor J, Calara A, Jaroudi S, Moon J, Raju S, Rice S, Wright K, Dufour JM, **Kaur G**, **Kruczek C**, Mittal N, Peiris AN, Sleeper RB 2018 Book title- Interesting clinical vignettes: 101 ice breakers for medical rounds. <https://www.ttuhsu.edu/clinical->



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- Chung E, Campise SN, Joiner HE, Tomison MD, **Kaur G**, Dufour JM, Cole L, Ramalingam L, Moustaid-Moussa N, Chen CL. 2018 Effect of annatto-extracted tocotrienols and green tea polyphenols on glucose homeostasis and skeletal muscle metabolism in obese male mice. *J. Nutr. Biochem* (Submitted, under minor revision).
- \***Kaur G**, Wright K, Verma S, Haynes A, Dufour JM. 2018 *Book title*- Molecular mechanisms in Spermatogenesis; *Chapter title*- The good, the bad and the ugly of testicular immune regulation: a delicate balance between immune function and immune privilege. (In press)
- \*Martin L, Abigail B, Jennifer L, Max S, Ansari M, **Williams SC**. Preparing Undergraduate Medical Students for Future Practice – Development of a Future of Medicine Elective. *American Medical Student Research Journal* 6. (In Press)
- \*Casanova R, Yudkowsky R, Park YS, Lineberry M, **Jones BG**. Comparing concurrent versus post-encounter hypothesis-driven precepting to improve clinical reasoning. Submitted to *Teaching and Learning in Medicine* (in press)
- \*Cangiarella J, Leong S, **Jones BG**, Coe C, Fancher T, Gillespie C and others. Accelerated MD Program Graduates: views on their education, wellness, residency readiness and debt from the AAMC graduation questionnaire (GQ). (in press for *Academic Medicine*).
- \***Kruczek C**, **Kaur G**, **Jones B**



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Jasper & Jack Wilson Foundation, December 2018 - November 2019, **Kaur, G.** (Co-Investigator), Dufour, J. M. (Principal Investigator), Genetically Engineered Sertoli Cells as Vehicle Cell Based Gene therapy, 3% effort, \$50,000 (Direct Cost), \$50,000 (Total Amount). (Funded)

Laura W. Bush Institute for Women's Health and UMC Health System, Women's Health Seed Grant, November 2017 - October 2018, **No Cost Extension till August 2019, Kaur, G.** (Principal Investigator), Dufour, J. M. (Co-Investigator), Shen, C.-L. (Co-Investigator), Gail, C. (Co-Investigator), Utilizing tocotrienols to prevent the formation of islet amyloid deposits- a novel treatment for diabetes mellitus, \$20,000 (Direct Cost), \$20,000 (Total Amount). (Funded)

South Plains Foundation (SPF), Seed Grant, September 2017 - August 2018, **Kaur, G.** (Principal Investigator), Dufour, J. M. (Co-Investigator), Examining the mechanism of porcine Sertoli cell survival to improve xenotransplantation, \$15,000 (Direct Cost), \$15,000 (Total Amount). (Funded)

CH Foundation, **Kaur, G.** (Principal Investigator), Examining the beneficial effects of tocotrienols in preventing islet amyloid formation - a novel approach to improve islet cell transplantation, \$60,000 (Direct Cost), \$60,000 (Total Amount). (Submitted but not funded)

National Institutes of Health (NIH), R01 2018. **Kaur, G.**



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**Invited Presentations:**

\***Brower GL.** Applying knowledge to clinical practice: simulation in teaching undergraduate medical pathophysiology. Oral presentation at the GRIPE 2018 Annual Meeting in Las Vegas, Nevada, January 27, 2018.

**Accepted Conference Presentations:**



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**Presentations/Exhibits/Productions**

“Bioinformatics Educational Processes: Essential Elements in the Translational Science Toolkit”, accepted December 2018 for presentation at the Aerospace Medical Association's 90th Annual Scientific Meeting





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\*Poster: Campbell, S. J., Bauer, V., Haynes, III, A. L., Peterson, D. L., Pomeroy, B., **Williams, S. C.** Formative Assessments in Enhancement of Surgery Clerkship NBME Performance, Southern Group on Educational Affairs 2018, AAMC-SGEA, Jackson, MS, April 2018. (Other)

\*Podium: **Williams, S. C.**, Nelson, B. Incorporating on-line student directed complementary/alternative educational resources in medical education: the experience of two schools, Southern Group on Educational Affairs 2018, AAMC SGEA, Jackson, MS, April 2018. (Other)

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### **Invited Presentations**

\*Simpson D, Souza KH, Anderson A, Homboe E and others (**Jones BG**). The job roles of the 2025 medical educator: implications for faculty development. AAMC Learn Serve Lead Conference, Austin, November 3, 2018.

\***Jones BG**, Overview of the NRMP Waiver Program for

