



Over the last three weeks our lives have changed in a way that no one could have predicted. The Departments research, educational and administrative functions are mostly accomplished remotely with only essential research and clinical activities underway today. As you can see from this quarters Newsletter, our faculty, staff and students have made meaningful contributions and accomplishments. They have done this through acts of kindness and going the extra mile under extraordinary conditions and expectations. Please contact me directly if I can tell you more about your Department of Obstetrics, Gynecology and Reproductive Biology.

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RECENTLY APPOINTED OR ELECTED COMMITTEE MEMBERS

- ◆ Ron Chandler, member, MSU CMB Executive Committee
- ◆ Asgi Fazleabas, member, Academic Advancement Network Fellow, MSU Graduate School
- ◆ Sabrina Ford, member, MSU University Athletics Council
- ◆ Jennifer Johnson, Chair, MSU Steering Committee/Faculty Senate
- ◆ Jeffrey MacKeigan, Chair, MSU CHM College Advisory Council
- ◆ Joel Mauer, member, MSU CHM, Student Performance Committee
- ◆ Cris Meghea, member, MSU CHM, Reappointment, Promotions and Tenure Committee

DOUG MEIJER MEDICAL INNOVATION BUILDING

[Construction of the Doug Meijer Medical Innovation Building, the 2nd phase of the Grand Rapids Innovation Park, began in November.](#)

Updates will be sent out by the GRRC facilities group.

Parking at GRRC is available via the Trowbridge Lot. Should you need to visit the GRRC—please contact Jenna, Harmony or Amanda for temporary parking lot access to the lot.

TRAVEL

International and Domestic travel, has been suspended through May 15, 2020

SEMINARS

OBGYN RIP Series—Resumes Sept. 9, 2020

OBGYN/SHMG Visiting Professors Program—Resumes Sept. 2020

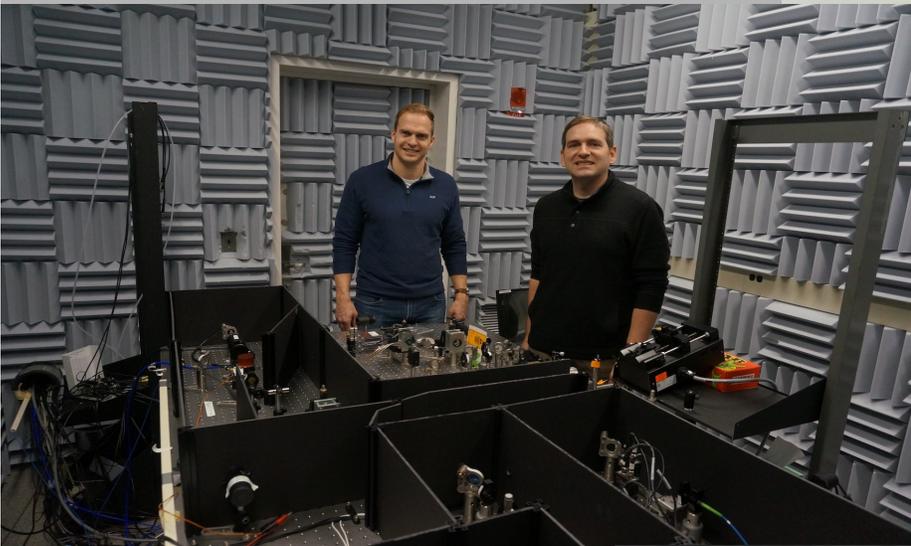
RDSP Seminars—Cancelled through May 2020.



CONGRATULATIONS!

Dr. Jose Teixeira has been featured on [MLive](#) and in the [MSU Today](#) for his study, in collaboration with Van Andel Institute and Spectrum Health, regarding how uterine fibroid tumors develop and grow, a leading cause in hysterectomies.

Congratulations, Jose!



Dr. Jens Schmidt has been featured in [MSU Today](#) as co-author, with Dr. Matt Comstock in the design of a pair of “optical tweezers”.

To the left, Jens and Matt are pictured with the optical tweezers.

Way to go, Jens!

Dr. Asgi Fazleabas has been awarded the [Carl G. Hartmann Award](#).

The Carl G. Hartmann Award is the highest award of the SSR and is given in recognition of a career of research and scholarly activities in the field of reproductive biology.

Congratulations, Asgi!
Nicely Done!



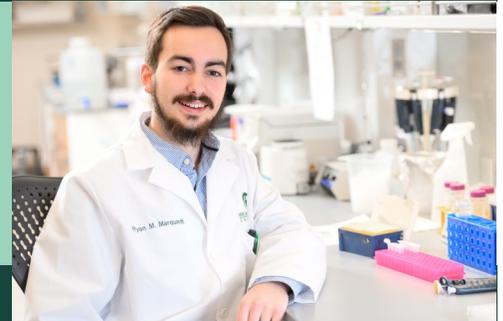


GRANTS

Ryan Marquardt has been awarded a Research Fellowship Award, from NIH, for project title:

“The role of ARID1A in endometriosis-related infertility”.

Congratulations, Ryan!



PRESENTATIONS

- Johnson, J. E. (2020, March 3). Suicide prevention in the context of substance use: Justice-involved individuals. Webinar hosted by the SAMHSA's Great Lakes Addiction Technology Transfer Center/Prevention/Mental Health Technology Transfer Center. The ROSE Sustainment (ROSES) Study: How much clinic support is necessary to scale and sustain a postpartum depression prevention program in prenatal clinics serving women on public assistance? Talk given as part of the NIMH-organized Special Session on Perinatal Mental Health at the American Public Health Association annual meeting in Philadelphia, PA.
- Johnson, J. E. (2020, January 14). Adventures in T2 to T4 translation: Implementation science, radical CBPR, and institution-building in Flint, Michigan. Brown University School of Public Health and Department of Psychiatry and Human Behavior, Providence, RI.
- Johnson, J. E. (2020, January 8). Reach Out, Stay Strong, Essentials for Mothers of Newborns (ROSE)

PUBLISHED RESEARCH

- Johnson, J. E., Hailemariam, M., Zlotnick, C., Richie, F., Sinclair, J., Chuong, A., Wiltsey Stirman, S. (in press). Mixed methods analysis of implementation of Interpersonal Psychotherapy (IPT) for major depressive disorder in prisons in a Hybrid Type I randomized trial. *Administration and Policy in Mental Health and Mental Health Services Research*. NIHMS1545001
- Masten, M., Vega, S., Hailemariam, M., Kagotho, N., Key, K., Jefferson, B., Muhammad, J., Summers, M., Spencer, B., Robinson, D., Richie, F., Miller, R., McCoy White, J., Greer, D., and Johnson, J.E. (in press). The Flint Women's Study: Community perspectives on contraception and family planning, sexuality education, and barriers to reproductive health. *Culture, Health, and Sexuality*.
- Hailemariam, M., Felton, J.W., Key, K., Greer D., Jefferson, B.L., Muhammad, J., Miller, R., Richie, F., Robinson, D., Saddler, S., Spencer, B., Summers, M., McCoy White, J., & Johnson, J.E. (in press). Intersectionality, special populations, needs and suggestions: The Flint Women's Study. *International Journal for Equity in Health*.
- Wittenborn, A. K., Natamba, B. K., Rainey, M., Zlotnick C, & Johnson J. E. (in press). Suitability of the Multidimensional Scale of Perceived Social Support as a measure of functional social support among prisoners with major depressive disorder. *Journal of Community Psychology*.
- Hailemariam, M., Key, K., Jefferson, B.L., Muhammad, J., & Johnson, J.E. (in press). Community-based participatory qualitative research for women: Lessons learned from the Flint Women's Study. *Progress in Community Health Partnerships: Research, Education, and Action*.
- Kasman AM, Zhang C, Luke B, Eisenberg, ML. Mental health of offspring from infertile couples: An analysis of comparison of risk of intellectual disability, psychosis, and autism using the IBM MarketScan™ commercial claims. *Human Reproduction* (in press).
- Luke B, Brown MB, Eisenberg ML, Callan C, Botting BJ, Pacey A, Sutcliffe AG, Baker VL. In vitro fertilization and risk for hypertensive disorders of pregnancy: Associations with treatment parameters. *American Journal of Obstetrics and Gynecology* (in press).
- Murugappan G, Li S, Lathi RB, Baker VL, Luke B, Eisenberg ML. Increased risk of severe maternal morbidity among women treated for infertility: Analysis of US claims data. *American Journal of Obstetrics and Gynecology* (in press).
- Luke B, Brown MB, Ethen M, Canfield MA, Watkins S, Wantman E, Doody KJ. Third grade academic achievement among children conceived with IVF: A population-based study in Texas, USA. *Fertility and Sterility* (in press).



PUBLISHED RESEARCH CONT.

- Hailemariam, M., Ghebrehiwet, S., Baul, T., Restivo, J, Shibre, T., Henderson, D., Girma, E., Fekadu, A., Teferra, S., Hanlon, C., Johnson, J. E. & Borba, C. (in press). "He can send her to her parents": The interaction between marriageability, gender and serious mental illness in rural Ethiopia. *BMC Psychiatry*.
- Richie F, Wittenborn A, Bonner, J., Weinstock L, Zlotnick C, & Johnson J. (in press). Social support, loneliness and suicidal ideation (SI) among prisoners with major depressive disorder (MDD). *Archives of Suicide Research*.
- Song, Y., R-W. Su, N.R. Joshi, T.H. Kim, B.A. Lessey, J.W. Jeong and A.T. Fazleabas (2020). Interleukin-6 (IL-6) activates the NOTCH1 signaling pathway through E-proteins in endometriotic lesions. *J Clin Endocrinol Metab.* (E-Pub: March 2nd, 2020). PMID: 32119078
- Armistead B, Kadam L, Drewlo S, Kohan-Ghadr HR. The Role of NFkB in Healthy and Preeclamptic Placenta: Trophoblasts in the Spotlight. *Int J Mol Sci.* 2020 Mar 5;21(5). pii: E1775. doi: 10.3390/ijms21051775. Review. PubMed PMID: 32150832.
- Dascăl, M. D., Meghea, C. I., & Blaga, O. M. (2020). A cross-section study of relationship characteristics and smoking cessation during pregnancy in a sample of romanian pregnant women. *Maternal and Child Health Journal*, doi:10.1007/s10995-020-02898-3
- Orta OR, Terry KL, Missmer SA, Harris HR. Dairy and related nutrient intake and risk of uterine leiomyoma: a prospective cohort study. *Hum Reprod.* 2020 Feb 29;35(2):453-463. doi: 10.1093/humrep/dez278. PubMed PMID: 32086510.
- Patrick EM, Slivka JD, Payne B, Comstock MJ, Schmidt JC. Observation of processive telomerase catalysis using high-resolution optical tweezers. *Nat Chem Biol.* 2020 Feb 17. doi: 10.1038/s41589-020-0478-0. [Epub ahead of print] PubMed PMID: 32066968.
- Miller JE, Ahn SH, Marks RM, Monsanto SP, Fazleabas AT, Koti M, Tayade C. IL-17A Modulates Peritoneal Macrophage Recruitment and M2 Polarization in Endometriosis. *Front Immunol.* 2020 Feb 14;11:108. doi: 10.3389/fimmu.2020.00108. eCollection 2020. PubMed PMID: 32117261; PubMed Central PMCID: PMC7034338.
- Drewlo S, Johnson E, Kilburn BA, Kadam L, Armistead B, Kohan-Ghadr HR. Irisin induces trophoblast differentiation via AMPK activation in the human placenta. *J Cell Physiol.* 2020 Feb 5. doi: 10.1002/jcp.29613. [Epub ahead of print] PubMed PMID: 32020629.
- Teasley HE, Beesley A, Kim TH, Risinger J, Young SL, Jeong JW, Schammel DP, Lessey BA, Elder JW, Puls L. Differential Expression of KRAS and SIRT1 in Ovarian Cancers with and Without Endometriosis. *Reprod Sci.* 2020 Jan;27(1):145-151. doi: 10.1007/s43032-019-00017-4. Epub 2020 Jan 1. PubMed PMID: 32046380.
- Patterson AL, George JW, Chatterjee A, Carpenter TJ, Wolfrum E, Chesla DW, Teixeira JM. Putative human myometrial and fibroid stem-like cells have mesenchymal stem cell and endometrial stromal cell properties. *Hum Reprod.* 2020 Jan 1;35(1):44-57. doi: 10.1093/humrep/dez247. PubMed PMID: 31913469; PubMed Central PMCID: PMC6993861.
- Jeelani R, Chatzicharalampous C, Kohan-Ghadr HR, Bai D, Morris RT, Sliskovic I, Awonuga A, Abu-Soud HM. Hypochlorous acid reversibly inhibits caspase-3: a potential regulator of apoptosis. *Free Radic Res.* 2020 Jan;54(1):43-56. doi: 10.1080/10715762.2019.1694675. Epub 2020 Jan 7. PubMed PMID: 31909639.
- Wilson MR, Holladay J, Chandler RL. A mouse model of endometriosis mimicking the natural spread of invasive endometrium. *Hum Reprod.* 2020 Jan 1;35(1):58-69. doi: 10.1093/humrep/dez253. PubMed PMID: 31886851.
- Smith AL, Paul E, McGee D, Sinniah R, Flom E, Jackson-Humbles D, Harkema J, Racicot KE. Chronic, Elevated Maternal Corticosterone During Pregnancy in the Mouse Increases Allergic Airway Inflammation in Offspring. *Front Immunol.* 2020 Jan 21;10:3134. doi: 10.3389/fimmu.2019.03134. eCollection 2019. PubMed PMID: 32038643; PubMed Central PMCID: PMC6985541.
- Kwan SY, Au-Yeung CL, Yeung TL, Rynne-Vidal A, Wong KK, Risinger JI, Lin HK, Schmandt RE, Yates MS, Mok SC, Lu KH. Ubiquitin Carboxyl-Terminal Hydrolase L1 (UCHL1) Promotes Uterine Serous Cancer Cell Proliferation and Cell Cycle Progression. *Cancers (Basel).* 2020 Jan 2;12(1). pii: E118. doi: 10.3390/cancers12010118. PubMed PMID: 31906456.
- Hendrix, P., Tang, Z., Silasi, M., Racicot, K. E., Mor, G., Abrahams, V. M., & Guller, S. (2020). Herpesvirus-infected hofbauer cells activate endothelial cells through an IL-1 β -dependent mechanism. *Placenta*, 91, 59-65. doi:10.1016/j.placenta.2020.01.010
- Dascăl, M. D., Meghea, C. I., Dubey, P., & Băban, A. (2019). Factors associated with moderate to high nicotine dependence in a sample of pregnant women from romania. *Romanian Journal of Applied Psychology*, 21(2), 54-60. doi:10.24913/rjap.21.2.03
- Yland, J., L. F. P. Carvalho, M. Beste, A. Bailey, C. Thomas, M. S. Abrão, C. Racowsky, L. Griffith, and S. A. Missmer. 2020. Endometrioma, the Follicular Fluid Inflammatory Network and its Association with Oocyte and Embryo Characteristics. *Reproductive BioMedicine Online*. doi:10.1016/j.rbmo.2019.12.005.

Do you have exciting news to share? Grants, recent publications, presentations?

Please email information to French21@msu.edu

