

NIAID awards Jameson and Hogquist a major grant to study T cell tolerance

The National Institute of Allergy and Infectious Diseases ([NIAID](#)) has awarded LMP professors [Stephen Jameson](#) and [Kristin Hogquist](#) a five-year \$3.288 million research grant to study “Non-deletional CD8+ T cell tolerance.”

NIDDK awards Seegmiller a grant for central biochemistry laboratory support

The National Institute of Diabetes and Digestive and Kidney Diseases ([NIDDK](#)) has awarded LMP association professor [Jesse Seegmiller](#) a five-year \$934,366 grant to support “The central biochemistry laboratory for the chronic kidney disease in children cohort.” Seegmiller was also awarded a two-year \$49,645 grant by the National Institutes of Health (NIH) through the Northern California Institute for Research and Education ([NCIRE](#)) for “Environmental metal toxicity and kidney tubule measures in diverse populations.”

NIDDK awards Steffes a grant for diabetes research

The National Institute of Diabetes and Digestive and Kidney Diseases ([NIDDK](#)) through Massachusetts General Hospital has awarded LMP professor [Michael Steffes](#) a four-year \$190,827 grant for “Glycemic observation using A1C for gestational diabetes diagnosis.”

NIAID awards Lucas a grant to study effector cell CD8 T cells

The National Institute of Allergy and Infectious Diseases ([NIAID](#)) has awarded [Erin Lucas](#), a post-doctoral fellow in LMP associate professor [Sara Hamilton Hart](#)’s laboratory, a two-year \$165,980 research grant for “Determining factors of inflammation that support the expansion and function of long-lived effector cell CD8 T cells in a mature memory compartment.”

NICHHD awards Tsai a grant for the study of pregnancy and neonatal health

The National Institute of Child Health and Human Development ([NICHHD](#)) has awarded LMP professor [Michael Tsai](#) a one-year \$118,899 grant for the Study of Pregnancy and Neonatal Health ([SPAN](#)). LMP professor [Amy Karger](#) is co-investigator.

Arries is elected to AAPath UMEDS Council

LMP assistant professor [Cade Arries](#) has been elected to the Association for Academic Pathology [UMEDS Council](#) as Member-at-Large beginning this month for a two year term. See below Arries and LMP professor [Minghao Zhong](#) presenting posters last month at the AAPath annual meeting in Denver.

Mroz’s team launches an M Health Fairview advanced pharmacogenomics (PGx) platform

LMP associate professor [Pawel Mroz](#) and assistant professor [Michelle Stoffel](#) are highlighted in the LMP web story “[Mroz’s team rolls out a system-wide advanced pharmacogenomics \(PGx\) platform](#).”

M Physicians community members have the opportunity to share their input on governance changes

M Physicians interim CEO Greg Beilman notes that M Physicians community members have the opportunity to share their perspectives with both the Attorney General and the M Physicians Board of Directors regarding the proposed M Physicians governance changes to align more closely with the University of Minnesota. Please see [this message](#) from Dr. Beilman.

MPG Division zoom meeting is scheduled | Friday, August 29, noon – 1 pm.

LMP’s [MPG Division](#) has scheduled a zoom meeting for Friday, August 29, noon – 1 pm. The meeting will be to announce the new TIER 1 and TIER 2 MPG great idea awards opportunity. More details to come. Contact Caroline Hallstrom -- challstr@umn.edu -- with any questions.

Save the date! Kersey Memorial Lecture

Mark your calendar for the 7th Annual John H. Kersey Memorial Lecture in translational cancer research on November 3! MCC is pleased to present [Kimryn Rathmell, MD, PhD](#), CEO of The Ohio State University Comprehensive Cancer Center – Arthur G. James Cancer Hospital and Richard J. Solove Research Institute ([OSUCCC – James](#)), as the keynote speaker for the lecture, which will be hosted in person at the Coffman Memorial Union Theater. Join us after the lecture for a reception with appetizers and light refreshments. Registration will open soon. [Stay tuned for more details!](#)

Please note [Federal Funding Updates](#) from the U of M Research and Innovation Office

LMP research support - available to all faculty

<https://med.umn.edu/pathology/research/research-support>

RAISE Program Deadline Extended to August 30

The [Researcher Assistance Initiative for Supporting Emergencies \(RAISE\)](#) program has been **extended and will remain active until August 30, 2025**. For updated details on eligibility, matching requirements, and how to apply, please visit the [RAISE program webpage](#). If you have any questions, contact the RIO Research Advancement Team at facgrant@umn.edu.

Earn your Wellbeing Points by August 31

Make sure to earn your Wellbeing Points goal by August 31! If you reach your goal, you'll get a discount on your 2026 University medical plan rates, even if you're not currently enrolled in a 2025 University medical plan. More information [here](#).

Note Summer Bridge Funding Opportunities

<https://research.umn.edu/funding-awards/rio-funding-awards/grant-aid>

Note the Medical School funding opportunities tracker

<https://med.umn.edu/research/funding-opportunities>

Medical School Research & Equipment Grants are available

<https://med.umn.edu/about/honors-awards/services-faculty-students/research-equipment-grants>

Faculty, residents, and fellows publish

Aravamudhan A, Krug K, Stoffel M, Muluangwi P. [Evaluating the diagnostic utility of dd-cfDNA in renal allograft surveillance: A single-center perspective](#). *Genes* (Basel). 2025 Jun 21;16(7):724. doi: 10.3390/genes16070724.

Aravamudhan A, Scalf C, Greenwood MP, Muluangwi P. [The effect of clinical decision support intervention on monitoring for donor specific antibodies](#). *J Appl Lab Med*. 2025 Jul 1;10(4):863-873. doi: 10.1093/jalm/jfaf030.

Azzag K, Magli A, Kiley J, Sumstad D, Kadidlo D, Crist SB, Norris B, Ahlquist A, Hocum Stone LL, Everett J, Shappa Faustich J, Seelig D, Rangarajan P, Kim H, Flory C, Bushman F, Ramachandran S, Kang PB, Schumacher RJ, Wagner JE, Kyba M, Graham ML, McKenna DH, Perlingeiro RCR. [Preclinical quality, safety, and efficacy of a CGMP iPSC-derived myogenic progenitor product for the treatment of muscular dystrophies](#). *Mol Ther*. 2025 Jul 17:S1525-0016(25)00543-X. doi: 10.1016/j.ymthe.2025.07.007.

Atala A, Bischof JC, Chen CS, Fisher JP, Hermanson DL, Howe CL, Low WC, Ma Z, McKenna DH, Palecek SP, Temenoff JS, Ogle BM. [The need for an organoid manufacturing, preservation, and distribution center](#). *Stem Cells Transl Med*. 2025 Jun 25;14(7):szaf031. doi: 10.1093/stcltm/szaf031.

Kirthika P, Jawalagatti V, Li P, Xu M, Carceles-Cordon M, Ertel A, Quinn SA, Petrylak DP, Orme JJ, Dehm SM, Antonarakis ES, Heath EI, Pandey MK, Cordon-Cardo C, Huang H, Dong H, Zhu S, Domingo-Domenech J, Rodriguez-Bravo V. [Off-pore](#)

[nucleoporin sPOM121 transcriptionally propels \$\beta\$ -Catenin driven tumor progression and immune escape in prostate cancer](#). *Cancer Discov.* 2025 Jul 28. doi: 10.1158/2159-8290.CD-25-0629.

Send news to Bill

Please send publications, achievement and event information and announcements you think appropriate for the LMP Newsletter or X/Twitter to Bill Hoffman at hoffm003@umn.edu. Bill has an ongoing interest in photographs, images, and story ideas you may have for the LMP website.

LMP website: <http://www.pathology.umn.edu/>

LMP X/Twitter: <https://twitter.com/UMNLabMedPath>

Grand Rounds videos: <https://www.youtube.com/channel/UCHSc0zfvq6SUnNvDQl6oLwA>

