

March 2021

CANCER BIOLOGY & PHARMACOLOGY

PUBLICATIONS

Dr. Veeravalli's lab has published the following manuscript in Stroke and Vascular Neurology.

Nalamolu KR, Chelluboina B, Fornal CA, Challa SR, Pinson DM, Wang DZ, Klopfenstein JD, Veeravalli KK. Stem cell treatment improves post-stroke neurological outcomes: A comparative study in male and female rats. *Stroke and Vascular Neurology* 2021

A new role of inorganic polyphosphate as energy fuel in cancer cells has been shown by **Boyineni** et.al in their article recently published in *Oncotarget*. The work demonstrates that inorganic polyphosphate is highly abundant in several types of cancers, including brain tumor-initiating cells. The polymer is avidly consumed during cancer cells' starvation, while its enzymatic hydrolysis impairs cancer cells' viability and significantly depletes ATP stores. These results demonstrate that polyphosphate serves as a source of phosphate energy in cancers, which might offer new avenues for drug intervention.

Jerusha Boyineni, Simone T Sredni, Naira V Margaryan, Lusine Demirkhanyan, Michael Tye, Robert Johnson, Fernando Gonzalez-Nilo, Mary J C Hendrix, Evgeny Pavlov, Marcelo B Soares, Eleonora Zakharian, and Sergey Malchenko. Inorganic polyphosphate as an energy source in tumorigenesis. *Oncotarget*. 2020 Dec 15;11(50):4613-4624. doi: 10.18632/oncotarget.27838. PMID: 33400735; PMCID: PMC7747861.

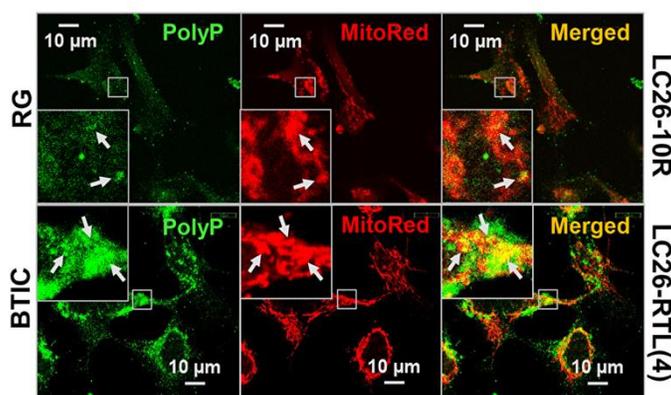


Image depicts high levels of inorganic polyphosphate in cancer cells and its colocalization with mitochondria.

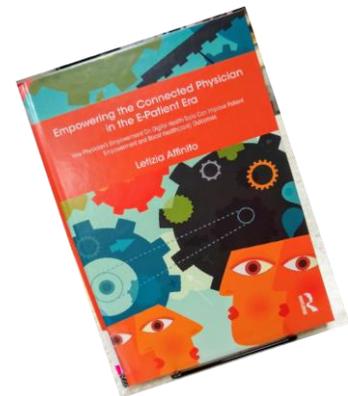
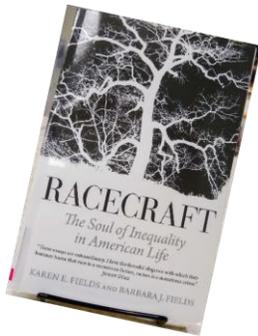
LIBRARY OF THE HEALTH SCIENCES NEWS

*It's time to come out of hibernation and spring into some new reads.
Find these and other fresh reads on our New Book shelves.*

Racecraft: The Soul of Inequality in American Life by Karen E. Fields and Barbara J. Field.
(E184 A1 F462r 2014)

Telemedicine Technologies: Big Data, Deep Learning, Robotics, Mobile and Remote Applications for Global Healthcare edited by Hemanth D. Jude and Valentina Emilia Balas. (W33.1 T268 2019)

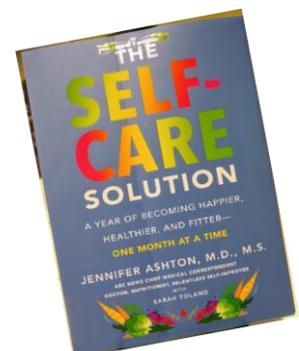
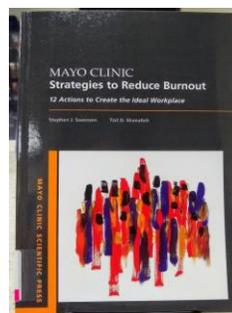
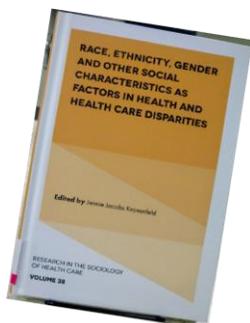
Empowering the Connected Physician in the E-Patient Era by Letizia Affinito.
(W83 A256e 2019)



Race, Ethnicity, Gender, and Other Social Characteristics as Factors in Health and Health Care Disparities edited by Jennie Jacobs Kronenfeld. (WA31 R118 2020)

Mayo Clinic Strategies to Reduce Burnout by Stephen J. Swensen and Tait D. Shanafelt.
(WA495 S974m 2020)

The Self-Care Solution by Jennifer Ashton, M.D., M.S. (WB327 A828s 2019)



HUMAN RESOURCES

Welcome to our new employees....



Sam Smith, Medical Assistant
(certified), Pediatrics

Shatara Robinson, Staff Nurse,
Pediatrics



Abby Gudeman, Medical Assistant,
(certified) Pediatrics

Patty Eandi, Office Administrator
Dean's Office



LLEAP

Have you heard of the university LLEAP? This program provides educational benefits, be sure to check out the UIC website for complete details.

LLEAP Purpose

The Lifelong Learning and Education Access Program (LLEAP) is designed to provide Academic Professionals and Open-Range Civil Service employees, release time/flex time, and/or funds for development opportunities focused on enhancing a career at UIC.

LLEAP Benefits

Each eligible employee can utilize one of the following benefits on an annual basis:

- Up to \$200 and up to 8 hours of release time for professional development activities
- Up to \$200 for coursework not covered under a university tuition waiver
- Continuous flex time of four hours per week while enrolled in or actively pursuing an educational development activity
- Release time of up to 16 hours per year for professional development activities

Complete details regarding LLEAP on the UIC website:

<https://hr.uic.edu/employees/professional-development-training/learning-opportunities/lleap/>

University tuition waiver policies available in Employee Self-Service Center:

<https://www.hr.uillinois.edu/benefits/tuitionwaivers>

UIC Learning Resources: <https://hr.uic.edu/employees/professional-development-training/learning-opportunities/learning-resources-from-uic-hr/>



March Birthdays



Mindi Miller
Chris Menke
Beth Wallace
Marie Smith
Yvonne Meyer
Jonathan Fisher

Lesa Armstrong
Tom Ryan
Cheri Mahony
Judy Martin
Tilynne Bennett

Dawn Shadrick
Jennifer Zapf
Heather Boore
Stephanie Campbell
Carrie Watt

Christina Constantinidou
Mary Durdel
Lee Ann Kriegshauser
Ashley Johnson
Angela Daniels

If your birthday is not listed, and you wish to have it added, please contact Shannon at sdoerr@uic.edu.

The deadline for submission of information for the April issue is March 29.

Send your submissions to Shannon at sdoerr@uic.edu.



"March, when days are getting long,
let thy growing hours be strong
to set right some wintry wrong."

~ Caroline May



**Think Green!
Only Print When
Necessary.**

CIVIL SERVICE EMPLOYEE COUNCIL NEWS

March 2021



Staff Appreciation Week

Details to Come Soon!

We need theme ideas for our 2021 Staff Appreciation Week. Do you have a great idea you would like to share with us? Please let your CSEC rep know. We take all ideas seriously, and want our members to be have input on what they want to see for this year's celebration of...well, you! We'll send out information soon on a date/time.

CALLING ALL ARTISTS!!

Do you have a special talent or hobby? We would love for you to share your poetry or artwork with everyone! Perhaps comedy is more your thing. Let us know...we would love to showcase you!!

COMMUNITY CHEST

The Civil Service Employee's Council maintains a Community Chest to help fellow employees who have experienced extraordinary life events. Each request is handled on a case-by-case basis and at the discretion of the council. The level of confidentiality will be the nominator's choice. To nominate yourself or another employee for funds from the Community Chest please follow the process below:

- If nominating another employee obtain permission from the employee you wish to help in writing (an e-mail or signed note would be fine) and submit it with the nomination form.
- Complete the [Community Chest Request Form](#) by going to <http://peoria.medicine.uic.edu/csec/community-chest/>
- Make sure to check the confidentiality level of the request
- Submit to CSEC President csec@uic.edu
- President confirms request via email
- Description of the request is taking to the CSEC who will vote to approve request during an impromptu meeting.
- Once approved the CSEC President will contact the nominator.

CSEC Class of 2020-2021

Tilyne Bennett
Shannon Doerr
Mary Durdel
Stephanie Hull
Ashley Johnson
Lauren Keeton
Chris McGregor
Chris Menke
Aaron Walton

CSEC OFFICERS

President: Ashley Johnson,
anloving@uic.edu
Vice-President:
Treasurer: Mary Durdel,
mdurdel@uic.edu
Secretary: Stephanie Hull,
slhull@uic.edu

WHO IS YOUR CSEC REP?

The Council exists to serve Civil Service employees who work at UICOMP. We are interested in knowing how we may serve you. Please contact Stephanie Hull at slhull@uic.edu if you are not sure who your Council rep is. We look forward to working with you!



I would like to recognize Connie Cranford for always doing a great job of covering for me when I am out. Her dedication and her flexibility to do my job and hers while I am out is a great comfort to me.

Cheryl Perry

**Clinical Office Manager
University Pediatrics**

CSEC is all about supporting the people we work with. Nominate a coworker who you think is a "CLASS ACT"; recognize their contribution with a statement of appreciation by sending it to Stephanie slhull@uic.edu for publication in this newsletter. Your co-worker will also receive a certificate sent on your behalf.