Dear CRepHS personnel and associates,

Our newly recommenced CRepHS Newsletter will help us stay connected during a time when social distancing seems more pronounced than ever. I look forward to utilizing this quarterly publication to announce individual and team accomplishments, research breakthroughs, special events, personnel updates, and more.

Our research feats continue to develop despite the pandemic-fueled challenges that affect us at labs, offices, classrooms and homes. Take a moment to recognize all that is being accomplished, and continue to bring forth competence, curiosity and compassion as we advance into this new year.

Additionally, if you have suggestions on ways to continue to stay connected during these times of isolation, I would love to hear your thoughts.

Wishing you all a healthy and successful 2022!

Sarah K. England, PhD
Alan A. and Edith L. Wolff Professor of Medicine
Vice Chair of Research and Professor,
Department of Obstetrics and Gynecology

IN THIS ISSUE

PERSONNEL UPDATE
UPCOMING EVENTS
SCIENTIFIC ACCOMPLISHMENTS
SOCIAL MEDIA
SUBMITTING NEWS
CENTER INFORMATION

Next issue: May 2022
NEW HIRES

Rachel Abbott
Sr. Clinical Research Coordinator
Gynecologic Oncology Translational Research

Shweta Bhagwat, PhD
Postdoctoral Research Associate
Santi Lab

Audrey Johnston, MBA
Manager, Administrative Services
Administrative Support

Maria Emilia (Mili) Polo
Research Technician I
Santi Lab

Kirsten Wilson
Administrative Coordinator
Administrative Support

PROMOTIONS

Bisi Fashemi, PhD
Postdoctoral Research Associate
Khabele Lab

Elena Lomonosova, PhD
Senior Scientist
Fuh Lab

Deborah Frank, PhD
Senior Scientific Editor

Carrie Westphal, MAT
Clinical Research Financial Analyst
PERSONNEL UPDATE
(from previous fiscal quarter and current)

JOB OPPORTUNITIES

- **Staff Scientist** — Mullen Lab
- **Clinical Laboratory Technician** — Gyn Onc Biobank
- **Research Assistant** — England Lab

We seek people from diverse backgrounds to join us in a supportive environment that encourages boldness, inclusion and creativity.

Find more information and other jobs at [https://jobs.wustl.edu/](https://jobs.wustl.edu/)
UPCOMING EVENTS

March 15-19: Annual Meeting of the SRI
May 3-4: Rothman Research Day

CRepHS Seminar Series

*Held in collaboration with the Center for Women’s Infectious Disease Research (cWIDR) on Fridays, 9-10 a.m.*

<table>
<thead>
<tr>
<th>DATE</th>
<th>SPEAKER</th>
<th>AFFILIATION</th>
<th>HOST/LAB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feb. 4th</td>
<td>Juan Ferreira, PhD / Max Lyon</td>
<td>Washington University</td>
<td>Santi</td>
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<tr>
<td>Feb. 11th</td>
<td>Christine O’Brien, PhD</td>
<td>Washington University</td>
<td>Frolova</td>
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<tr>
<td>Feb. 18th</td>
<td>Nima Aghaeepour, PhD</td>
<td>Stanford University</td>
<td>England</td>
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<tr>
<td>Feb. 25th</td>
<td>Anna Powell, MD</td>
<td>Johns Hopkins University</td>
<td>Khabele</td>
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<tr>
<td>March 4th</td>
<td>Paul Campagnola, PhD</td>
<td>University of Wisconsin</td>
<td>Fuh</td>
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<tr>
<td>March 11th</td>
<td>Society for Reproductive Investigation (SRI) meeting practice</td>
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<tr>
<td>March 25th</td>
<td>John Yeh, MD</td>
<td>University of Massachusetts</td>
<td>Wang</td>
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<tr>
<td>April 1st</td>
<td>Megan Baldridge, MD, PhD</td>
<td>Washington University</td>
<td>cWIDR</td>
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<tr>
<td>April 8th</td>
<td>Arvind Palanisamy, MD</td>
<td>Washington University</td>
<td>Frolova</td>
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<tr>
<td>April 15th</td>
<td>Lindsey Kent, PhD</td>
<td>Washington University</td>
<td>England</td>
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<tr>
<td>April 22nd</td>
<td>Frolova Lab</td>
<td>Washington University</td>
<td>Frolova</td>
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<tr>
<td>April 29th</td>
<td>Sicheng Wang</td>
<td>Washington University</td>
<td>Wang</td>
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<tr>
<td>May 13th</td>
<td>Khabele Lab</td>
<td>Washington University</td>
<td>Khabele</td>
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<tr>
<td>May 27th</td>
<td>Hakan Cakmak, MD</td>
<td>UCSF</td>
<td>England</td>
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<tr>
<td>June 3rd</td>
<td>Favour Akinjiyan / Angela Schab</td>
<td>Washington University</td>
<td>Fuh</td>
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Seminar information is subject to change. View more details at [https://reproductivesciences.wustl.edu/news-events/crephs-seminar-series/](https://reproductivesciences.wustl.edu/news-events/crephs-seminar-series/)
PRESENTATIONS

- Lindsey Kent presented at the Society for the Study of Reproduction meeting in December 2021. The title of her poster was “NALCN and accessory gene expression in human and mouse myometrium” and authors were Lindsey N. Kent, Juan J. Ferreira, Mashal Naqvi, Sophia G. Weil, Celia M. Santi and Sarah K. England.

- Juan J. Ferreira, graduate student in the DBBS Neurosciences program and Santi Lab, defended his thesis “SLO2.1 channels: a new molecular mechanism to regulate uterine excitability” on Jan. 20, 2022.

AWARDS & APPOINTMENTS

- Sarah England was presented the “Distinguished Faculty Award” from Washington University School of Medicine in November 2021. The Distinguished Faculty Awards recognize outstanding commitment to the intellectual and personal development of students.

- Yong Wang received two research grants from the Bill & Melinda Gates Foundation in November 2021. As reported in a recent Washington University news release, one grant “is to help develop a portable, bedside EMMI system suitable for multisite clinical trials and commercialization. The other grant will support EMMI’s novel applications to image and understand the role of uterine contractions associated with different phases of the menstrual cycle, with the goal of learning more about abnormal uterine bleeding related to ovulation dysfunction and infertility.” He also received an ICTS grant to study uterine peristalsis in women with normal menstrual cycle and in women who suffer from endometriosis. Wang states, “This essential development will greatly enhance our ability to conduct future studies to better understand and treat endometriosis, dysmenorrhea, and infertility.”

- On Dec. 3, 2021, Maggie Mullen was awarded the “Best 2021 Oral Presentation” at Washington University in St. Louis School of Medicine’s DNA Metabolism and Repair (DMR) Seminar Series. Her presentation topic was “GAS6/AXL inhibition enhances ovarian cancer sensitivity to carboplatin and olaparib through increased DNA damage and enhanced replication stress.” Mullen also was recently appointed to the Society of Gynecologic Oncology (SGO) Publications Committee (Member) and the Gynecologic Oncology Reports Editorial Board.

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PUBLICATIONS*


*Labs in bold.*
SOCIAL CONNECTIONS

Twitter
@DKhabeleMD
@Englandsk785
@Fuh_Lab
@santi_lab
@WashU_OBGYN
@yongwangwashu

Instagram
@england.sk
@washu
@washumedicine
@washuobgyn

SUBMIT YOUR NEWS

News for consideration is always welcome! Email ejulie@wustl.edu by April 22, 2022, to have your news and information considered for the next edition of the CRepHS Newsletter.

CONTACT CRepHS

Visit our website at https://reproductivesciences.wustl.edu/ or email questions and feedback related to CRepHS to audreyj@wustl.edu.

About CRepHS

The Center for Reproductive Health Sciences (CRepHS) aims to improve the overall health of women and men by making reproductive health a priority in investigative and translational science. As the basic science division of Washington University School of Medicine’s Department of Obstetrics and Gynecology, CRepHS’ research productivity is accomplished through highly collaborative interdisciplinary lab environments.

The Center’s current research emphasis includes basic biology of reproductive health; multiple approaches to developmental biology with concentrations in cell biology, animal models, and genetics; studies of healthy human development; developmental endocrinology; neurosciences; translational imaging; medical device development; reproductive cancers; and population health research.