2021 AMFDP Annual Meeting via Zoom

Wednesday, Thursday, Friday October 6-8, 10:30 EDT

All times are EDT

Wednesday, October 6

10:30 – 11:30 Announcements, welcome, and introductions

Kevin Johnson, MD, Chair, AMFDP National Advisory Committee, moderator

David S. Wilkes, MD, National Program Director

Introductions of National Advisory Committee, RWJF staff, and guests

Self-introductions by Scholars and mentors, by cohort

Donald F. Schwarz, MD, MPH, Senior Vice President – Program, RWJF

**Research Presentations by 2018 and 2019 Scholars: Focus on health services research and intervention**

Moderator: Dan Pesut

11:30 – 11:45 Stanley Vance

*Examining mental health and gender affirmation for Black and Latinx transgender youth*

11:45 – 11:50 Mentor commentary: Jae Sevelius

11:50-12:00 Discussion

12:00 – 12:15 Eni Obadan-Udoh

*Understanding diagnostic failures in dentistry: A three-pronged approach*

12:15 – 12:20 Mentor commentary: Muhammad Walji

12:20-12:30 Discussion

12:30 – 12:45 Amanda Bruegl

*Pivoting research in a pandemic: Cervical cancer and its prevention in American Indian/Alaska Native women*

12:45 – 12:50 Mentor commentary: Cindy Morris

12:50-1:00 Discussion

1:00 – 1:30 **BREAK**

**Research Presentations by 2018 and 2019 Scholars: Focus on health services research and intervention**

Moderator: Kevin Johnson

1:30 – 1:45 Jasmine Travers

*Structural inequities driving poor quality of care in the most vulnerable nursing homes*

1:45 – 1:50 Mentor commentary: Patricia Stone

1:50-2:00 Discussion

2:00 – 2:15 Mehret Talabi

*Optimizing patient-centered family planning care for patients with rheumatic diseases*

2:15 – 2:20 Mentor commentary: Sonya Borrero

2:20-2:30 Discussion

2:30 – 2:45 Autumn Ivy

*Neural epigenetic mechanisms of early life adversity and exercise interventions*

2:45 – 2:50 Mentor commentary: Tallie Baram

2:50-3:00 Discussion

3:00 – 3:15 José Figueroa

*The burden of HIV/AIDS in older adults: A growing dilemma*

3:15 – 3:20 Mentor commentary: Ashish Jha

3:20-3:30 Discussion

3:30 – 3:45 LaPrincess Brewer

*The FAITH! (Fostering African-American Improvement in Total Health) trial: A community-based, mHealth intervention to improve cardiovascular health among African-Americans*

3:45 – 3:50 Mentor commentary: Christi Patten and Lisa Cooper

3:50-4:00 Discussion

4:00 – 4:15 Gina South

*Leveraging urban nature to promote mental health in black neighborhoods*

4:15 – 4:20 Mentor commentary: Charles Branas

4:20-4:30 Discussion

4:30 – (open-ended) **Cohort breakouts**

Thursday, October 7

**Research Presentations by 2018 and 2019 Scholars: Focus on basic science**

Moderator: David WIlkes

10:30 – 10:45 Tamia Harris-Tryon

*The sebaceous gland in skin immunity and host defense*

10:45 – 10:50 Mentor commentary: Lora Hooper

10:50-11:00 Discussion

11:00 – 11:15 Maria Carlo

*Identification of novel germline variants associated with increased risk of renal cell carcinoma*

11:15 – 11:20 Mentor commentary: Kenneth Offit

11:20-11:30 Discussion

11:30 – 11:45 Jason Watts

*G-rich sequences mediate mitochondrial RNA polymerase pausing*

11:45 – 11:50 Mentor commentary: Vivian Cheung

11:50-12:00 Discussion

12:00 – 12:15 Hasina Reed

*Lymphatic vascular dysfunction in emphysema: Uncovering the missing link*

12:15 – 12:20 Mentor commentary: Augustine Choi

12:20-12:30 Discussion

12:30 – 12:45 Mara Ross

*Harnessing the potential of SIRT1 to treat acute and chronic glaucoma with gene therapy*

12:45 – 12:50 Mentor commentary: Ken Shindler

12:50-1:00 Discussion

1:00 – 1:30 **BREAK**

**Research Presentations by 2018 and 2019 Scholars: Focus on basic science**

Moderator: Jim Gavin

1:30 – 1:45 Carlos Murga-Zamalloa

*Delineating the role of Wiskott-Aldrich syndrome protein in T-cell lymphoma progression*

1:45 – 1:50 Mentor commentary: Megan Lim

1:50-2:00 Discussion

2:00 – 2:15 Kevin Alexander

*Elucidating determinants of pathogenesis in transthyretin cardiac amyloidosis*

2:15 – 2:20 Mentor commentary: Ronglih Liao

2:20-2:30 Discussion

2:30 – 2:45 Joshua Vázquez

*Integrated spatial evaluation of drug-bug-host interactions in the TB granuloma*

2:45 – 2:50 Mentor commentary: Joel Ernst

2:50-3:00 Discussion

3:00 – 3:15 Juan Vazquez

*Exploiting oncometabolite-induced DNA repair defects in the treatment of cancer*

3:15 – 3:20 Mentor commentary: Ranjit Bindra

3:20-3:30 Discussion

3:30 – 3:45 Sawallah Guseh

*Shrinking enlarged hearts: Translation of cardiac regression pathways from Burmese python to human*

3:45 – 3:50 Mentor commentary: Anthony Rosenzweig

3:50-4:00 Discussion

4:00 – (open-ended) **Breakouts by research area – Mentors are welcome!**

Hematology

Nephrology

Cardiology

Dentistry

Nursing

Health services

Basic science

Health equity and disparities

Friday, October 8

**Research Presentations by 2018 and 2019 Scholars: Focus on clinical and health services investigation**

Moderator: Carrie Byington

10:30 – 10:45 Tamorah Lewis

*Modern pharmacology tools for precision therapeutics in neonates*

10:45 – 10:50 Mentor commentary: Steve Leeder

10:50-11:00 Discussion

11:00 – 11:15 Chulie Ulloa

*COVID-19: Healthy school restart*

11:15 – 11:20 Mentor commentary: Victor Nizet

11:20-11:30 Discussion

11:30 – 11:45 Mabel Toribio

*Cardiometabolic effects of gender-affirming hormone therapy among transgender women with and at risk for HIV*

11:45 – 11:50 Mentor commentary: Steven Grinspoon and Markella Zanni

11:50-12:00 Discussion

12:00 – 12:15 Fatima Rodriguez

*Cardiovascular disease prediction and prevention across diverse populations*

12:15 – 12:20 Mentor commentary: Paul Heidenreich

12:20-12:30 Discussion

12:30 – 12:45 Gaby Hobbs

*Improving allogeneic stem cell transplant outcomes in patients with myelofibrosis*

12:45 – 12:50 Mentor commentary: Ann Mullally

12:50-1:00 Discussion

12:55 – 1:30 **BREAK**

**Research Presentations by 2018 and 2019 Scholars: Focus on clinical and health services investigation**

Moderator: Neil Powe

1:30 – 1:45 Toyosi Onwuemene

*Hemostasis impact of therapeutic plasma exchange*

1:45 – 1:50 Mentor commentary: Edward Wong

1:50-2:00 Discussion

2:00 – 2:15 Rory Goodwin

*The landscape of spinal metastases: HRQOL, clinical decision-making, and molecular mechanisms*

2:15 – 2:20 Mentor commentary: John Sampson

2:20-2:30 Discussion

2:30 – 2:45 Joshua Joseph

*Association of serum aldosterone and plasma renin activity With ambulatory blood pressure in African Americans: The Jackson Heart Study*

2:45 – 2:50 Mentor commentary: Sherita Golden

2:50-3:00 Discussion

3:00 – 3:15 Rasheeda Hall

*Establishing evidence to manage geriatric syndromes in hemodialysis patients*

3:15 – 3:20 Mentor commentary: Cathleen Colón-Emeric

3:20-3:30 Discussion

3:30 Valedictory Remarks: Allistair Abraham, 2017 Scholar

3:45 – (open-ended) Women’s group and men’s group breakouts

3:45 – 5:00 NAC meeting