

**The Department of Radiology and Biomedical Imaging
Research Retreat Program**

April 15 – April 17, 2018

Flamingo Resort, Santa Rosa

Sunday April 15th

Evening

- 3:00 - 3:45 Arrival / Poster Setup
- 4:00 - 5:30 **Welcome & Power-Pitch Research Session 1** (*moderators: Yan Li & Galateia Kazakia*)
- 4:00 - 4:15 Metabolic imaging of infection using PET and Hyperpolarized ¹³C MR spectroscopy - *David Wilson*
- 4:15 - 4:30 Multimodality Neuroimaging to track Alzheimer disease pathology spread - *Duygu Tosun*
- 4:30 - 4:45 Detection of Bone Marrow Lesions Using Dual Energy CT - *Ramya Srinivasan*
- 4:45 - 5:30 Power Pitch Talks: Group 1
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|------------------------|-----------------------------|-----------------------|
| <i>Adam Autry</i> | <i>Claudia Iriondo</i> | <i>Matt Barkovich</i> |
| <i>An Vu</i> | <i>Elavarasan Subramani</i> | <i>Maria Olaru</i> |
| <i>Ashish Raj</i> | <i>Georgios Batsios</i> | <i>Ryan Nillo</i> |
| <i>Beck Olson</i> | <i>Hatef Mehrabian</i> | <i>Sri Nagarajan</i> |
| <i>Caroline Jordan</i> | <i>Iris Broce</i> | <i>Steve Hetts</i> |
| <i>Chin Hong Tan</i> | | |
- 5:30 –6:30 **Get-to-know-your-colleagues** (*moderators: Maryam Vareth, Caroline Jordan & Sue Noworolski*)
- 6:30 - 8:00 Dinner
- 7:15 - 7:45 **Overview of Department Research Enterprise & Future Visions** - *Christopher Hess & Sharmila Majumdar*
- 8:00 - 10:30 **Poster Session Group I & Reception**

Monday April 16th

Morning

- 7:30 - 8:30 Breakfast Buffet
- 8:30 - 9:45 **Scientific Session II** (*moderators: Jing Liu & Joseph Vu*)
- 8:30 - 8:42 Convolutional Neural Network for Detection of Pneumothorax - *John Mongan*
- 8:45 - 8:57 Clinical Translation of 1H MR Spectroscopy at 3T & Beyond - *Yan Li*
- 9:00 - 9:45 Power Pitch Talks: Group 2
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|--------------------------|------------------------|----------------------------|
| <i>David McCoy</i> | <i>Natalie Korn</i> | <i>Po-hung Wu</i> |
| <i>Jinny Sun</i> | <i>Olga Tymofiyeva</i> | <i>Sara Dupont</i> |
| <i>Julia Cluceru</i> | <i>Paul Rowley</i> | <i>Sivakami Avadiappan</i> |
| <i>Justin Yu</i> | <i>Peng Cao</i> | <i>Lisa Wilmes</i> |
| <i>Kenneth Gao</i> | <i>Peter Shin</i> | <i>Yicheng Chen</i> |
| <i>Marisa Lafontaine</i> | <i>Peter Storey</i> | |
- 9:45-10:15 **Radiology Resource Overview** (*moderator: Emma Baharoos*)
- PACS Air & CRC Resources - *Kenneth Gao & Emma Baharoos*
- Info Commons - *Sharmila Majumdar*
- 10:15- 10:30 Break

10:30 - 12:00 **RIG/SRG Overview Sessions** (*moderators: Renuka Sriram & Maryam Vareth*)
 10:30 - 10:40 AIT - *Dan Vigneron*
 10:43 - 10:53 Body - *Sue Noworolski*
 10:56 - 11:06 Breast - *Nola Hylton*
 11:09 - 11:19 Cardiovascular - *Jing Liu*
 11:22 - 11:32 MSK - *Matt Bucknor*
 11:35 - 11:45 Brain - *Bill Dillon*
 11:48 - 11:58 PICT / CIR - *Sarah Nelson*
 12:00 - 1:30 Lunch Buffet

Afternoon

1:30 - 4:00 **Outdoor Activities** (*scavenger hike, self-led hike, swimming, tennis*)
 4:00 - 4:45 **Battle of the Modalities Debate** (*moderators: Valentina Pedoia & Eugene Ozhinsky*)
 Guest Panel: *Dan V, Sharmila M, Henry V, Emma B, Enrique M, Galateia K*
 4:45 - 5:00 Break
 5:00 - 6:15 **Breakout Session #1**
 1) Pulse Sequences: RTHawk & Adie -- *Eugene O. & Joseph Vu*
 2) Deep learning Beginner: CNNs 101 -- *Valentina Pedoia*
 3) Deep learning Advanced: Segmentation/Classification -- *Peter Chang*

Evening

6:30 - 8:00 Dinner
 6:45- 7:10 **UCSF New Faculty Highlight:** *Ashish Raj*
 8:00 - 9:00 **External Keynote speaker:** *Fausto Milletari, Senior Solutions Deep Learning Architect at NVIDIA*
 9:00 - 11:00 **Poster Session Group 2 & Reception**

Tuesday April 17th

Morning Check out and return your room key by 10:30AM!

7:30 - 8:45 Breakfast Buffet
 9:00 - 9:30 **Senior Faculty Career Reflections Talk** - *John Kurhanewicz*
 9:30 – 10:00 **Reflections & Feedback of Department Discussion** - *Sharmila Majumdar et al. ...*
 10:00-10:15 Break
 10:15 - 11:25 **The Role of Imaging outside of Radiology** (*moderator: Sue Noworolski & Caroline Jordan*)
 10:15 - 10:35 - Radiation Oncology: *Mekhail Anwar*
 10:38 - 10:58 - Psychology: *Judith Ford*
 11:00 - 11:20 - PT: *Michael Samaan*
 11:30 - 12:30 **Breakout Session # 2: Career Development for All Stages**
 1) Postdocs & Graduate Students: *Allyson Spence from OCPD*
 2) Career advancement for Staff : *Enrique Menendez & Chris Sotto*
 3) Junior faculty & Non-faculty Academics: *Nola Hylton et al.*
 12:30 - 1:30 Lunch & Departure