



Department of Radiology  
and Biomedical Imaging



# Annual Research Conference

April 20-22, 2024



# Table of Contents

Welcome Messages from Chris Hess and Sharmila Majumdar .....	2
Research Conference Committee Members and Volunteers .....	3
Daily Itineraries (Saturday, Sunday, Monday) .....	4-7
Biographies of Presenters .....	8-13
Chaminade Resort Amenities and Maps.....	14

Dear Colleagues,

We are delighted to extend a warm welcome to the 9th Annual Radiology Research Conference! We hope that you will enjoy the next days of science and camaraderie in this new venue, the Chaminade Resort & Spa.

From cutting-edge discoveries in basic biology to innovations in diagnostic imaging to advancements in interventional radiology, the breadth and depth of our collective expertise are remarkable. Continuing the discussions started at past annual conferences, most recently in Asilomar in 2023, we aim to challenge ourselves to build on our department's past successes as we shape the future of imaging science into the coming year and beyond.

We are looking forward to the opportunity to showcase our science while we foster connections and collaborations. Throughout the program, you will have the opportunity to engage with junior and senior researchers, exchange insights on opportunities and challenges with your projects and goals, and celebrate our successes together with other members of our vibrant community.

Sharmila Majumdar, PhD  
Christopher P. Hess, MD, PhD



Sharmila Majumdar, PhD



Christopher P. Hess, MD, PhD

# Research Conference Committee

## Leadership

**Melanie Morrison, PhD**

Chair

**Jeremy Gordon, PhD**

Vice Chair

**Jing Liu, PhD**

Past Chair and Consultant

## Administrative Staff

Anne Bartoletti

Annie Liu

Steaven Campbell

## Volunteers

Amy Becker, PhD

Georgios Batsios, PhD

Upasana Bharadwaj, MD

Rupsa Bhattacharjee, PhD

Naidu Bobba, PhD

Javier Caravaca-Rodriguez, PhD

Leighton Hinkley, PhD

Robin Ippisch, PhD

Wen Li, PhD

Tracy Luks, PhD

Daren Ma, PhD

Eugene Ozhinsky, PhD

Isabelle Remick

Renuka Sriram, PhD

Pavithra Viswanath, PhD

An Vu, PhD

## Communications Staff

Rita Gaber

Francis Horan

Victoria Odson

Hanh Ryan



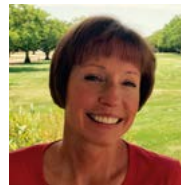
Melanie Morrison, PhD



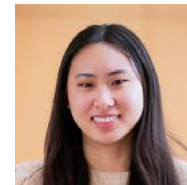
Jeremy Gordon, PhD



Jing Liu, PhD



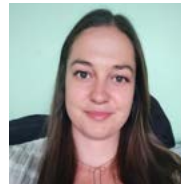
Anne Bartoletti



Annie Liu



Steaven Campbell



Amy Becker, PhD



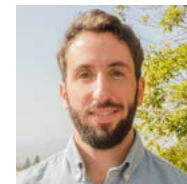
Georgios Batsios, PhD



Rupsa Bhattacharjee, PhD



Naidu Bobba, PhD



Javier Caravaca-Rodriguez, PhD



Leighton Hinkley, PhD



Robin Ippisch, PhD



Wen Li, PhD



Tracy Luks, PhD



Daren Ma, PhD



Eugene Ozhinsky, PhD



Isabelle Remick



Renuka Sriram, PhD



Pavithra Viswanath, PhD



Joseph Vu, PhD

# Annual Research Conference



Saturday, April 20<sup>th</sup>

Santa Cruz Ballroom

TIME	ACTIVITY AND PRESENTER(S)
12:00 – 1:00 pm	Arrival, Refreshments, Conference Check-in
1:00 – 1:10 pm	<b>Welcoming Remarks</b> Melanie Morrison, PhD and Jeremy Gordon, PhD Conference Chair & Co-Chair
1:10 – 1:20 pm	<b>Welcoming Remarks</b> Christopher Hess, MD, PhD Department Chair
1:20 – 1:40 pm	Icebreaker
1:40 – 2:00 pm	<b>New Faculty Presentation</b> Daehyun Yoon, PhD <i>Imaging of Pain: Questions that led me to UCSF</i>
2:00 – 2:20 pm	<b>Senior Faculty Presentation</b> William Dillon, MD, PhD <i>A UCSF career: roads taken &amp; things I've learned over 40 years as an academic radiologist</i>
2:20 – 2:45 pm	Refreshments (PM break)
2:45 – 4:00 pm	<b>Power Pitches</b>
4:00 – 6:00 pm	Mingle, Room Check-in, Relax
6:00 – 7:30 pm	Dinner with Topic Tables
7:30 – 9:45 pm	Team Building Activity at Firepits with S'mores & Refreshments
9:45 pm	Chaminade Bar & Common Areas



Upload your photos to our shared box

Share on social media

#UCSFRadResearchConference2024



[twitter.com/UCSFimaging](https://twitter.com/UCSFimaging)



[facebook.com/UCSFImaging](https://facebook.com/UCSFImaging)



[instagram.com/UCSF\\_imaging](https://instagram.com/UCSF_imaging)



[linkedin.com/company/ucsf-department-of-radiology-biomedical-imaging](https://linkedin.com/company/ucsf-department-of-radiology-biomedical-imaging)

# Annual Research Conference



Sunday, April 21<sup>st</sup>

Santa Cruz Ballroom

TIME	ACTIVITY AND PRESENTER(S)
7:00 – 8:00 am	Early Morning Trail Hike
8:00 – 9:00 am	Breakfast (Sunset Restaurant)
9:00 – 10:30 am (9:45 – 10:30 am)	Free time (Faculty Meeting)
10:30 – 11:20 am	<b>Keynote Address:</b> Doris Wang, MD, PhD Associate Professor, Neurological Surgery <b>Advances in Surgery for Movement Disorders: Ablative and Adaptive Neuromodulation</b>
11:20 – 11:40 am	Refreshments (AM Break)
11:40 am – 12:20 pm	<b>RG/SRG Talks</b> Christopher Hess, MD, PhD, Chair of the Department of Radiology & Biomedical Imaging <b>Overview of Department Research</b>
	<b>Vascular &amp; Cardiac Imaging</b> Yoo Jin Lee, MD <b>Multimodality imaging of cardiac fibrosis; FAP-2286</b> <b>Cardiac PET/CT and Cardiac MRI</b>
	<b>Body Imaging</b> Wen Li, PhD & Lisa Wilmes, PhD <b>Diffusion-weighted MRI for improving individualized breast cancer treatment</b>
12:20 – 1:30 pm	Lunch (Sunset Restaurant)
1:30 – 2:30 pm	<b>RG and SRG Talks II</b> Neuroimaging Justin Torok <b>Cellular underpinnings of the selective vulnerability to tauopathic insults in Alzheimer's disease</b>

Sunday, April 21<sup>st</sup> cont.

	<p><i>Chemistry, Probes &amp; Molecular Therapy (CPMT)</i> Ziad Kedkad <i>Locoregional T-cell Therapy For The Treatment of Locally Invasive, Unresectable Tumors</i></p>
	<p><i>Intelligent Imaging (i2)</i> Rupsa Bhattacharjee, PhD <i>Emerging Role of AI in Low-field MSK MR</i></p>
	<p><i>Advanced Imaging Technologies (AIT)</i> Jeremy Gordon, PhD <i>Dynamic T2* Relaxometry of Hyperpolarized [1-13C] pyruvate MRI in the Human Brain and Kidneys</i></p>
2:30 – 3:00 pm	Group Photos
3:00 – 6:00 pm	Outdoor and Indoor Activities
6:00 – 7:00 pm	Dinner with Topic Tables
7:00 – 7:30 pm	Mingle & Set up Posters
7:30 – 8:30 pm	Poster Session & Refreshments
8:30 – 9:15 pm	Talent Show, Jam Session, Refreshments
9:15 pm	Bonfire, Chaminade Bar, Common Areas



Upload your photos to our shared box

**Share on social media**  
#UCSFRadResearchConference2024



[twitter.com/UCSFIImaging](https://twitter.com/UCSFIImaging)



[facebook.com/UCSFIImaging](https://facebook.com/UCSFIImaging)



[instagram.com/UCSF\\_imaging](https://instagram.com/UCSF_imaging)



[linkedin.com/company/ucsf-department-of-radiology-biomedical-imaging](https://linkedin.com/company/ucsf-department-of-radiology-biomedical-imaging)

# Annual Research Conference



Monday, April 22nd

Santa Cruz Ballroom

TIME	ACTIVITY AND PRESENTER(S)
7:00 – 7:40 am	Early Morning Trail Hike
7:40 – 8:40 am	Breakfast & Room Check out (Sunset Restaurant)
8:40 – 10:10 am	<i>Public Speaking Workshop</i> Franklin Dlott, Toastmasters Santa Cruz <i>Public Speaking Workshop</i>
10:10 – 10:20 am	Refreshments (AM Break) & Room Check out
10:20 – 11:50 am	<i>Mindful Priorities Management Workshop</i> Pierre Khawand, People-OnTheGo <i>Mindful Priorities Management: Transforming Chaos into Calm in a Demanding World</i>
11:50 – 12:00 pm	<i>Closing Remarks</i> Melanie Morrison, PhD & Jeremy Gordon, PhD Conference Chair & Co-Chair
12:00 – 1:00 pm	Lunch (Sunset Restaurant)



Upload your photos to our shared box

**Share on social media**  
#UCSFRadResearchConference2024



[twitter.com/UCSFimaging](https://twitter.com/UCSFimaging)



[facebook.com/UCSFImaging](https://facebook.com/UCSFImaging)



[instagram.com/UCSF\\_imaging](https://instagram.com/UCSF_imaging)



[linkedin.com/company/ucsf-department-of-radiology-biomedical-imaging](https://linkedin.com/company/ucsf-department-of-radiology-biomedical-imaging)



### **Welcome, Melanie Morrison**

Melanie Morrison, PhD, is an Assistant Professor in residence in the Department of Radiology and Biomedical Imaging at UCSF, and a core member of the UCSF-UC Berkeley Joint PhD Program in Bioengineering. She received her BSc in Integrated Sciences at Carleton University in Ontario, Canada, before completing her PhD at the University of Toronto. In 2016 she joined UCSF's Radiology Department as a postdoc, working under Dr. Janine Lupo primarily on brain tumor projects until summer 2022.

Since 2019, Dr. Morrison's independent research has been focused on the clinical translation and integration of advanced MRI techniques to improve neurosurgical interventions and neuromodulation therapies for neurologic and neuropsychiatric conditions. Her research group leverages multimodal 3T and 7T MRI data to: (1) develop and test new strategies for precise brain targeting in neuromodulation, (2) derive predictive imaging markers of treatment efficacy for patients' motor, cognitive and behavioral symptoms, and (3) evaluate brain function in real-time during brain neuromodulation to further our understanding of underlying therapeutic mechanisms. Both image processing and statistical modeling techniques are implemented at the core of this translational research, with a strong emphasis on method transparency, reproducibility, and accessibility. Currently, these exciting projects are supported by three UCSF seed grants, an NIMH R21 grant, and an NINDS R01 grant.

As a first-generation academic, Dr. Morrison is very passionate about mentorship, outreach, and providing equal opportunities in academia for underrepresented minority trainees and individuals from disadvantaged backgrounds.

UCSF Profiles: [profiles.ucsf.edu/melanie.morrison](https://profiles.ucsf.edu/melanie.morrison)



### **Department Overview**

Christopher Hess, MD, PhD is the Alexander R. Margulis Distinguished Professor and Chair of the Department of Radiology and Biomedical Imaging at UCSF. Dr. Hess completed his PhD in Electrical Engineering and his MD at the University of Illinois in 1998 and 2002, respectively. He was in the first class of NIH T32 radiology research program at UCSF in 2005-2006. He served as chief resident in Radiology from 2006-2007 and was the recipient of the RSNA's Roentgen Award in 2006 and the department's Elmer Ng Award for outstanding resident in 2007. After serving as Chief of Neuroradiology at the San Francisco VA, Fellowship Director for Neuroradiology at UCSF, and Chief of Neuroradiology at UCSF, he become the Chair of the Department of Radiology and Biomedical Imaging in 2018.

Twitter: @NeuroDx

UCSF Profiles: [profiles.ucsf.edu/christopher.hess](https://profiles.ucsf.edu/christopher.hess)



### **Research Groups (RGs) and Specialized Resource Groups (SRGs) Introduction**

Sharmila Majumdar, PhD Sharmila Majumdar, PhD, is Vice Chair for Research and Margaret Hart Surbeck Distinguished Professor in Advanced Imaging in the Departments of Bioengineering and Therapeutic Sciences and Orthopedic Surgery at UCSF and Bioengineering at UC Berkeley. She is Director of the Musculoskeletal Research Interest Group at UCSF, an interdisciplinary group consisting of faculty, post-doctoral scholars and students. Dr. Majumdar's research focuses on magnetic resonance and micro computed tomography and development of image processing and analysis tools, with a focus on osteoporosis, osteo-arthritis and lower back pain. She obtained her PhD degree in Engineering and Applied Science from Yale University.

Twitter: @sharmilamajumda

UCSF Profiles: [profiles.ucsf.edu/sharmila.majumdar](https://profiles.ucsf.edu/sharmila.majumdar)





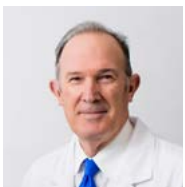
### ***Keynote: Advances in Surgery for Movement Disorders: Ablative and Adaptive Neuromodulation***

Dr. Doris Wang is a neurosurgeon-scientist who specializes in surgery for patients with movement disorders, such as essential tremor, Parkinson's disease, and dystonia using neuromodulation and ablative techniques. In her clinical practice, she uses a variety of advanced imaging techniques to improve targeting for movement disorders surgery. In her research, Dr. Wang uses implantable devices that can send and receive electric signals from specific areas of the brain to better understand the neural networks of human motor control. Her goal is to develop targeted treatments that restore motor functions, such as walking and learning new motor skills, in patients with brain disease and injuries.

Dr. Wang received her undergraduate degree from Yale University, her doctorate in neuroscience and her medical degree at UCSF, where she also completed a residency in neurosurgery. During her residency, she developed an interest in functional neurosurgery, which utilizes a variety of neuromodulation and ablative techniques to restore or improve brain functions. Also at UCSF, she completed a fellowship in stereotactic and functional neurosurgery, which involves using advanced electrophysiological and imaging techniques to guide minimally invasive neurosurgical procedures that access deep parts of the brain.

Dr. Wang leads a translational human neuroscience laboratory that studies how interactions between the surface and deep parts of the brain control complex motor behaviors. Her research focuses on two major areas of motor control in humans: gait and motor sequence learning. Her research is funded by the NIH, the Michael J Fox Foundation, and Burroughs-Wellcome Foundation.

UCSF Profiles: [profiles.ucsf.edu/doris.wang](https://profiles.ucsf.edu/doris.wang)



### ***Senior Faculty Presentation: A UCSF Career: roads taken and things I've learned over 40 years as an academic radiologist***

William P. Dillon, MD, is the Elizabeth A. Guillaumin Professor of Radiology in the section of Neuroradiology. Dr. Dillon received his medical degree from the University of California, Los Angeles and completed his residency at the University of Utah, followed by a fellowship in Neuroradiology at the University of California, San Francisco in 1982. In 1992, he was appointed Chief of the the Neuroradiology section UCSF.

Dr. Dillon is past president of the American Society of Head and Neck Radiology (ASHNR) and the American Society of Neuroradiology. Dr. Dillon received the Gold Medal from the ASHNR in 2008 and the Gold Medal from the American Society of Neuroradiology in 2015. He was a Senior Editor for the American Journal of Neuroradiology from 1998 to 2011, and has been a co-investigator in 25 funded projects and 10 clinical trials. He has published 230 articles, 23 book chapters, and 3 books.

Dr. Dillon received the Francis A. Sooy, MD teaching award for Clinical Excellence from the Department of Otolaryngology, UCSF in 1993, and the J. Elliott Royer award for contributions to clinical neurology in 2011. He was also the recipient of the Outstanding Researcher Award from the American Society of Neuroradiology in 2014. He has been elected as one of the Best Doctors of America every year since 1995.

His interests are varied and include imaging of the head and neck, spinal pain management, imaging of stroke, vascular diseases of the brain, and imaging of brain tumors.

UCSF Profiles: [profiles.ucsf.edu/william.dillon](https://profiles.ucsf.edu/william.dillon)



### ***New Faculty Presentation: Advanced MRI of the Peripheral Nerves***

Dr. Daehyun Yoon holds an MS and PhD in electrical engineering from the University of Michigan and a BS in computer science & engineering from Seoul National University. Upon completing his postdoctoral fellowship at Stanford, Dr. Yoon continued as a senior research associate working on musculoskeletal MRI and PET/MRI. He started to work as an Assistant Adjunct Professor at the Department of Radiology and Biomedical Imaging at UCSF in 2023.

He has been involved with the development of research imaging techniques and the translation of those into clinical protocols for patient care.

Dr. Yoon's research interest is in the development of PET/MRI and MRI methods for identifying peripheral pain generators in the musculoskeletal system. His recent projects include PET/MRI of various chronic pain conditions (low back pain, complex regional pain syndrome, CSF leak, etc.), high-resolution/quantitative MRI of peripheral nerves, and artifact-free MRI near metallic implants. Dr. Yoon is embarking on a new NIH/NIAMS-funded project as a co-investigator, which aims to enable [18F]FDG PET/MRI near metallic hip implants for the improved identification of local sources causing persistent pain following total hip arthroplasties.

UCSF Profiles: [profiles.ucsf.edu/daehyun.yoon](https://profiles.ucsf.edu/daehyun.yoon)



### ***Vascular & Cardiac Imaging Research Group***

Yoo Jin Lee, MD earned her medical degree at Kyungpook National University, followed by an internship and diagnostic radiology residency at the same institution. Dr. Lee was a research associate in Cardiovascular Radiology, and a clinical instructor and clinical fellow in Nuclear Medicine at the University of Virginia in Charlottesville.

Dr. Lee's clinical work focuses on thoracic, cardiac, and noninvasive vascular imaging for endovascular intervention and cardiovascular surgery and vascular disease.

Her major research focuses on Cardiothoracic MRI imaging, which includes parametric mapping, myocardial scar imaging using 3D late gadolinium enhancement (LGE), thoracic MRI using 0.55T MRI, and pulmonary vascular MRI imaging.

Multimodality imaging of cardiac fibrosis is another direction of research of Dr Lee specifically Cardiac PET/CT and PET/MR using novel radiotracer in comparison to parametric mapping and LGE sequences from Cardiac MRI.

UCSF Profiles: [profiles.ucsf.edu/yoojin.lee](https://profiles.ucsf.edu/yoojin.lee)



### ***Body Imaging Research Group***

Wen Li, PhD, Associate Professional Researcher holds a PhD in Biomedical Engineering from the University of Iowa. Dr. Li is an expert in biomedical imaging analysis. At UCSF, her research focuses on optimizing and integrating quantitative imaging (DCE-MRI, DW-MRI, MammiPET) metrics as biomarkers in predicting treatment response for patients with breast cancer. Dr. Li's research interests include quantitative imaging methodology in cancer, tumor

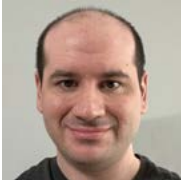
heterogeneity in biomedical images, prediction model for treatment response in systematic chemotherapy, machine learning in medicine, etc..

UCSF Profiles: [profiles.ucsf.edu/wen.li](https://profiles.ucsf.edu/wen.li)



Lisa J. Wilmes, PhD received her doctorate in biophysics from the University of Illinois Urbana- Champaign. Dr. Wilmes is a Specialist in the Department of Radiology and Biomedical Imaging and her research focuses on improving the quality, accuracy and repeatability of quantitative MRI measurements, including DCE-MRI and DWI, for evaluating breast cancer and response to neoadjuvant therapy. Her research interests include implementation of advanced MRI techniques for breast, corrections of bias in quantitative DWI measurements, and development of a quantitative breast MRI phantom-based QA/QC program for multi-site clinical trials.

UCSF Profiles: [profiles.ucsf.edu/lisa.wilmes](https://profiles.ucsf.edu/lisa.wilmes)



***Neuroimaging Research Group: Cellular underpinnings of the selective vulnerability to tauopathic insults in Alzheimer's disease***

Justin Torok is an Associate Specialist in the Radiology Department of the University of California, San Francisco, under the supervision of Dr. Ashish Raj. His research is focused on using network-level mathematical models to understand and predict pathological changes in neurodegenerative disorders such as Alzheimer's disease (AD). His specific interests include computational biology, cellular neuroscience, graph theory, and differential equations. He has a broad academic background that spans thin-film physics, synthetic chemistry, cell biology, and computational neuroscience. As graduate student at Weill Cornell Medicine, he worked on several projects in the field of computational neuroscience. His primary focus was in developing differential-equation-based mathematical models describing the longitudinal progression of tau pathology, at both the microscopic and macroscopic levels. He also helped create a computational pipeline capable of deconvolving spatial gene expression patterns in the mouse brain into distributions of specific cell types. His long-term research plan is to improve current modeling approaches, both in terms of accuracy and robustness, so that they can be tools with true translational impact.

Dr. Torok will be presenting on his work on exploring the relationship between cell-type distributions as inferred by the computational algorithm, MISS, and models of mouse tauopathy to explore selective vulnerability at a whole-brain level.

UCSF Profiles: [profiles.ucsf.edu/justin.torok](https://profiles.ucsf.edu/justin.torok)



***Chemistry, Probes & Molecular Therapy (CPMT) Specialized Resource Group***

Jaehoon Shin, MD, PhD, is an Assistant Professor In Residence in the Interventional Radiology section in the Department of Radiology and Biomedical Imaging.

Dr. Shin earned his MD at Seoul National University, South Korea in 2008, followed by a PhD at Johns Hopkins University in 2016. His clinical training includes an internship year at MedStar Harbor Hospital in Baltimore followed by a diagnostic radiology residency with early specialization in interventional radiology (ESIR) at UCSF. In 2022, Dr. Shin completed an interventional radiology fellowship, also at UCSF.

Dr. Shin received the prestigious Samsung Scholarship for doctoral study, and was awarded Best Case in Neuroradiology at the 2019 American Institute for Radiologic Pathology. Dr. Shin is a collaborator on a Medical Research Award from the Robert J. & Helen C. Kleberg Foundation, and principal investigator for a Society for Interventional Radiology Pilot Research Grant. Dr. Shin's research addresses novel T cell-based imaging (synNotch-PET), which has the potential to detect early cancers and pre-cancerous lesions. Additional research projects include locoregional T cell therapy to enhance treatments for pancreatic cancer and glioblastoma and single-cell RNA sequencing to better understand venous insufficiency and druggable target biological processes. Intelligent Imaging (i2) Specialized Resource Group, Rupsa Bhattacharjee.

UCSF Profiles: [profiles.ucsf.edu/jaehoon.shin](https://profiles.ucsf.edu/jaehoon.shin)



### ***Advanced Imaging Technologies (AIT) Specialized Resource Group***

Dr. Jeremy Gordon earned a PhD in Medical Physics from the University of Wisconsin. He was a postdoctoral scholar at UCSF (2013-2016), followed by a role as senior development engineer (2016-2020) in the UCSF Department of Radiology and Biomedical Imaging.

Dr. Gordon's research uses advanced imaging techniques to provide physiologic and metabolic information with MRI, with a focus on the development of novel and rapid acquisition strategies and reconstruction methods for spectroscopic imaging on preclinical and clinical systems. These methods are applied to prostate cancer research, other cancers and metabolic diseases.

Dr. Gordon is an author of over 55 peer-reviewed publications and is a distinguished reviewer for the journal *Magnetic Resonance in Medicine*.

UCSF Profiles: [profiles.ucsf.edu/jeremy.gordon](https://profiles.ucsf.edu/jeremy.gordon)



### ***Intelligent Imaging (i2) Specialized Resource Group***

Rupsa Bhattacharjee, PhD is a Post-Doctoral Associate Specialist in the Radiology and Biomedical Imaging Department. She is a medical imaging and image processing researcher with a primary interest in developing algorithms for to improve the utility of MRI imaging as diagnostic and prognostic tool. She obtained her doctoral degree in Biomedical Engineering working on Susceptibility weighted MR imaging (SWI) in human subjects with tumors and acute ischemic stroke. After graduation, in 2021, she joined the Musculoskeletal and Imaging Research Group at UCSF as post-doctoral fellow to study joint diseases with compositional MRI techniques combined with machine learning tools.

In her current role, she is specifically focused on exploring the role of MRI, PET, and machine learning algorithms to extract imaging biomarkers of several musculoskeletal conditions such as knee and hip osteoarthritis. Her primary project involvements are in, but not limited to:

1. Simultaneous Imaging of Tissue Biochemistry and Metabolism (PET-MRI) associated with Biomechanics in Patella Femoral Joint Osteoarthritis
2. Understanding the complex pathophysiology of joint degeneration, knee and hip joint interactions, impact of gait biomechanics, are all critical to determine the mechanistic basis of hip OA.
3. Ultra-Fast Knee MRI with Deep Learning

She has worked as MRI Application Specialist in Philips Healthcare for 8 years, closely with various healthcare facilities to set up and optimize MRI scan acquisition parameters according to curtailed needs (1.5T & 3.0T). During her years in industry, she has partnered with Clinical scientists to jointly run MRI projects on test and trial basis in India market Philips MRI collaborative research centers. [New product introduction and First-of-kind trials: Compressed SENSE, Amide Proton Transfer, Ultra-short TE, Multi-Nuclei Spectroscopy, Spiral acquisition, Quantitative Susceptibility Mapping, IVIM, Elastography etc.] She has been an active part of Philips India AI-ambassadors team for AI based knowledge sharing and educational, collaborative approaches.

UCSF Profiles: [profiles.ucsf.edu/rupsa.bhattacharjee](https://profiles.ucsf.edu/rupsa.bhattacharjee)



### ***Life and Career Development Sessions Guest Speakers***

Pierre Khawand is a seasoned professional with over two decades of experience in the software industry, where he has excelled as a leader, innovator, and strategist. His career is marked by successful ventures, skillful management of mergers and acquisitions, and the establishment of People-OnTheGo, an organization dedicated to enhancing innovation, leadership, and mindfulness for teams and organizations.

As a prolific author, Pierre has authored several influential books exploring the intersection of technology, leadership, and mindfulness. His visionary outlook is epitomized by the Hello Mindful app and its corresponding platform, aimed at democratizing mindfulness practices among business professionals and organizations. Holding a Bachelor's in Science with a focus on Maths and Physics from the American University of Beirut, Pierre has a solid foundation in analytical and critical thinking. This educational background complements his Master's degree in Engineering from the University of Michigan and the wealth of knowledge acquired through Executive Education programs at Stanford Graduate School of Business. Pierre Khawand brings a rare blend of expertise and vision to his pursuits.

Beyond his professional endeavors, he finds balance and serenity through mindful hikes in the picturesque landscapes of the San Francisco Bay Area, accompanied by his cherished wife and friends. Additionally, he embraces the graceful disciplines of Tai Chi and Argentine Tango. Pierre Khawand's multifaceted expertise continues to inspire innovation, leadership, and mindfulness, making a lasting impact on individuals and organizations alike.



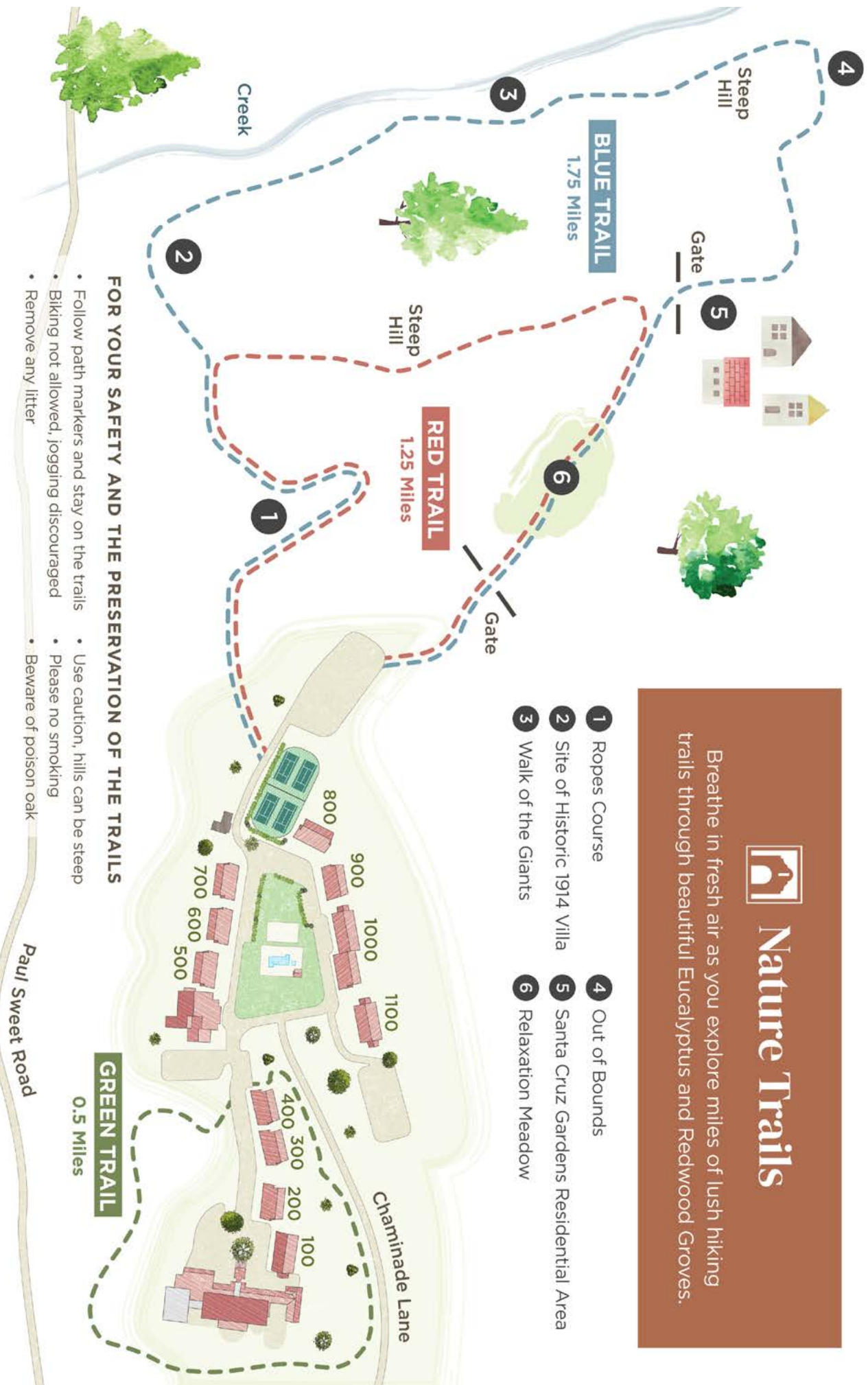
### ***Public Speaking Workshop***

Franklin Dlott is the Director of Implementation. He designs, implements and supports clients across a wide range of SureHarvest product offerings, crops, companies, and people. He has worked with many businesses to streamline and reform their collection and use of data to help them make better decisions. Franklin has designed and deployed Sustainability Management Information Systems in specialty crops, including nuts, wine, tree-fruit, flowers, leafy greens, mushrooms, and corn. Diverse software innovations completed under his direction include: strip-trial support, nitrogen budgeting for almonds, and assessor parcel mapping to name a few. Franklin received his M.Sc. in Botany from the University of British Columbia and undergraduate degrees in Biology and Linguistics from the University of California, Santa Cruz.



# Nature Trails

Breathe in fresh air as you explore miles of lush hiking trails through beautiful Eucalyptus and Redwood Groves.



### FOR YOUR SAFETY AND THE PRESERVATION OF THE TRAILS

- Follow path markers and stay on the trails
- Biking not allowed, jogging discouraged
- Remove any litter
- Use caution, hills can be steep
- Please no smoking
- Beware of poison oak

For more information at: [chaminade.com](http://chaminade.com)

# Cheers!

We wish to acknowledge the generous gifts of wine from Alisa Gean, MD, emeritus professor of neuroradiology, and her husband Seth Gersch, founders of internationally acclaimed Hindsight Vineyards.

Dr. Gean and Mr. Gersch have provided this magnanimous donation of three vintages “to fuel the brains of innovation leaders in science and discovery for imaging.” Let us raise a glass and toast to Dr. Gean and Mr. Gersch, and to all our amazing faculty and researchers.



## HINDSIGHT VINEYARDS



### **2021 Sauvignon Blanc Dry Creek Valley**

We are excited to announce the introduction of Hindsight Dry Creek Valley Sauvignon Blanc to our portfolio! The production of this world-class wine was managed by our renowned winemaker, Michael Weis. Michael has vast experience and has made some of the best Napa Valley Sauvignon Blancs over the last 30 years.



### **2019 Chardonnay Napa Valley**

Our 2019 Chardonnay is sourced from vineyards in Carneros and Oak Knoll. Fermented in stainless steel, then aged three months on the lees in neutral French oak, the wine shows great acidity, weight and mouthfeel. This 100% Chardonnay shows acidity normally reserved for stainless only wines. This is a beautifully balanced Chardonnay.



### **2020 Cabernet Sauvignon Napa Valley**

Our 2020 Napa Valley Cabernet Sauvignon is made from 100% Napa Valley Fruit. On the nose it shows both red and black fruit, berries and currants and subtle traces of rich vanillin and mocha. These beautiful red ripe fruits and tannin structures balanced with acidity will make for a long-lived vintage.





For more information visit: [radiology.ucsf.edu/research/research-conference](https://radiology.ucsf.edu/research/research-conference)