

# Silicon Valley Health Institute

Host of the Smart Life Forum

**Next Meeting: Thursday, June 15, 2017**

**Main Presentation: Cyrus A. Raji, MD, PhD**

*“Brain Health and Imaging”*

**Second Presentation: Jenny Chen Hui, MD**

*“How 3D Printing (and Bioprinting) Will Help Health Care  
with a Quantum Leap”*



*Meet Cyrus A. Raji*  
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*Meet Jenny Chen Hui*  
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## **Smart Life Forum**

### **Presentation Location**

Cubberley Community Center

Room H1

4000 Middlefield Road

Palo Alto, California

Directions on our website:

[www.SVHI.com](http://www.SVHI.com)

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## **Announcements & Upcoming Events**

### **Upcoming Speakers:**

#### **JULY 2017**

Kitty Wells - "Spices as Nature's 'Designer Drugs' for Longevity"

#### **AUGUST 2017**

Steven Druker - "How the Health Risks of GMOs Have Been Underestimated and Misrepresented: An Assessment from the Perspectives of Both Biological Science and Computer Science"

#### **SEPTEMBER 2017**

Akil Palanisamy, MD - "PaleoVEDIC Diet"  
Sergio Azzolino, DC - "Stroke Prevention"

#### **OCTOBER 2017**

Steve Blake

### **Upcoming Foundation for Mind Being Research Meeting (FMBR)**

**Friday, June 23, 2017 @ 7:30pm**

**Robert Gilbert, PhD**

**"BioGeometry: The Egyptian Science of Energy Balancing Through Shape, Sound, Color and Motion"**

**Unity Community Church  
Y.E.S. Hall**

**3391 Middlefield Rd, Palo Alto, CA**

Please visit [www.FMBR.org](http://www.FMBR.org) for more info.

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If you have questions please email:

***[susanrdowns@hotmail.com](mailto:susanrdowns@hotmail.com)***

Thank you.

## ***Main Presentation Speaker: Cyrus A. Raji, MD, PhD!***



Cyrus A. Raji, MD, PhD is a neuroradiology clinical fellow and part of the NIH-funded T32 research program at the UCSF Department of Radiology and Biomedical Imaging.

Dr. Raji completed his combined MD and PhD at the NIH-funded Medical Scientist Training Program at the University of Pittsburgh School of Medicine in 2010. He then conducted a post-doctoral scholarship in the Department of Psychiatry at the University of Pittsburgh before completing a transitional medicine internship at the University of Pittsburgh Medicine, Mercy Hospital from 2011-2012. Following this, he completed a 4-year diagnostic radiology residency at UCLA Medical Center.

Dr. Raji was funded in his PhD research as a pre-doctoral fellow by the American Heart Association and as a medical student by the Radiological Society of North America. He is currently funded by the Foundation of the American Society of Neuroradiology. His research interests revolve around applying multi-modal structural and functional neuroimaging to neuropsychiatric disorders and head trauma. He has published over 30 peer-reviewed papers on these topics in such journals such as Neurology, Human Brain Mapping, the American Journal of Preventive Medicine, and the American Journal of Neuroradiology.

*(End of Meet Cyrus A. Raji!)*

## **Main Presentation by Cyrus A. Raji, MD, PhD**

### *“Brain Health and Imaging”*

Dr. Raji will be discussing the leading edge of quantitative neuroimaging volumetrics - the measurement of brain volumes from magnetic resonance images. Volume is a vital sign for the brain. When volumes are normal, this correlates to normal neuronal function. Reduction of brain volumes is seen with various neuropsychiatric disorders such as Alzheimer's disease, depression, and traumatic brain injury. What Dr. Raji's research has shown over the past 10 years is that brain volumes can actually change in relation to lifestyle choices from obesity to physical activity to dietary choices. This work has a tremendous impact on prevention of cognitive decline and preservation of brain health. His talk will overview these key points while presenting a framework for future growth of this new perspective in medicine.

*(End of Main Presentation)*

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## *Secondary Presentation Speaker: Jenny Chen Hui, MD!*



Jenny is trained as a neuroradiologist, founder/CEO of 3DHEALS, a company focusing on curating healthcare 3D printing ecosystem. Her main interests include medical education, 3D printing in the healthcare sector, and artificial intelligence. She is also a current adjunct clinical faculty in the radiology department at Stanford Healthcare.

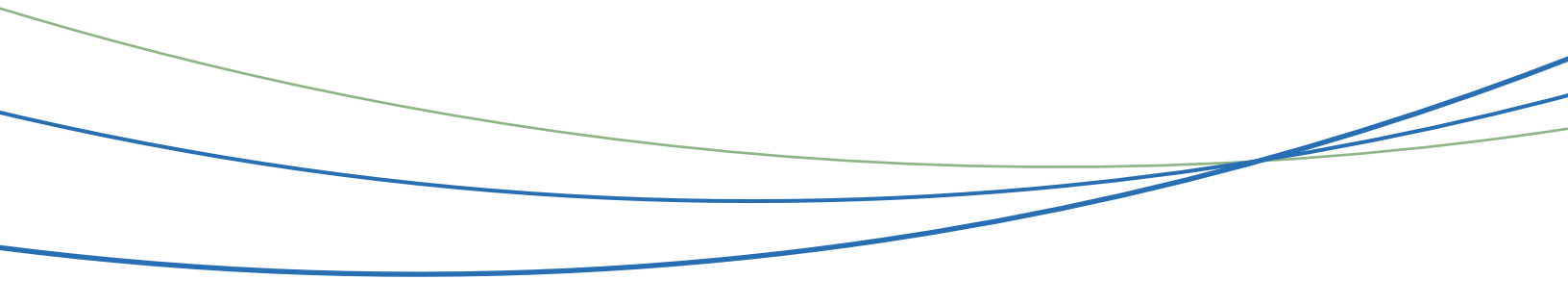
*(End of Meet Jenny Chen Hui!)*

## **Secondary Presentation by Jenny Chen Hui, MD**

### *“How 3D Printing (and Bioprinting) Will Help Health Care with a Quantum Leap”*

After a brief introduction on what 3D printing and 3D Bioprinting are, Dr. Chen will outline specific advantages and dis-advantages of this emerging technology in healthcare application with examples. Then, she will discuss the current state and future development of neurological care device and technologies using this technology.

*(End of Secondary Presentation)*

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### **About Smart Life Forum**

Smart Life Forum, Inc. is a 501(c)(3) California nonprofit corporation whose primary mission is to provide credible health education to the public with an emphasis on optimal wellness, anti-aging medicine, and longevity.

Annual memberships in Smart Life Forum, Inc. and charitable donations are tax deductible to the extent allowed by law. For information on how to join or make a donation, please visit our website: [www.SVHI.com](http://www.SVHI.com).

For questions, please contact Susan Downs at [susandrdowns@hotmail.com](mailto:susandrdowns@hotmail.com).

### **Become a Member!**

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