



My Stories

Browse

New Story



Search Stories...



Published



Notify

Template

Embed

Edit

US-Australia Emerging Cancer Biomedical Technologies Workshop

See the tweets for this highly productive workshop which brought together US and Australian scientists working in the cancer research field to develop new collaborations and strategies for cancer research internationally.

by US-AUS CancerBioTech 8 minutes ago 14 Likes 3 Views



US-AUS CancerBioTech

@USAUCancerWkshp

Follow

Not long until the US-Australia Emerging Cancer Biomedical Technologies Workshop on 13-15 June! [#USAusCancerTech](#)

3:05 PM - 26 May 2017



Austrade USA

@AustradeUSA

Follow

Countdown to [#AustradeDC](#) hosting the emerging cancer [#biomedical](#) [#tech](#) workshop. See you guys next week in Arlington! [#USAusCancerTech](#)

6:15 AM - 7 Jun 2017

1



US-AUS CancerBioTech

@USAUCancerWkshp

Follow

Check the website for US-Australia Emerging Cancer Biomedical Technologies Workshop program

[#USAusCancerTech](#) nciphub.org/groups/us_au_c...

1:09 PM - 8 Jun 2017



Austrade USA

@AustradeUSA

Follow

[#TBT](#) to [@JoeBiden](#) opening the [#VCCC](#) in Melbourne - encouraging [#collaboration](#) in cancer research

[#USAusCancerTech](#): ow.ly/B8E130cmHja

1:05 AM - 9 Jun 2017

United States Vice President Visits As VCCC Opens Its Doors

Joseph R Biden Jr, Vice President of the United States of America, today toured Victoria's landmark \$1 billion Victorian Comprehensive premier.vic.gov.au

1 1



Austrade USA

@AustradeUSA

Follow

Read more on the [#Australian](#) Govt commitment of A\$125m in funding for medical research [#USAUSCancerTech](#): ow.ly/np1H30cmFQI.

1:15 AM - 13 Jun 2017

2 3



Michael Barton

@bogmund

Follow

US-Australia emerging cancer biomedical technologies workshop [#USAuscancerTech](#) [@CancerSPHERE](#)

10:46 PM - 13 Jun 2017 · Arlington, VA

2 5



US-AUS CancerBioTech

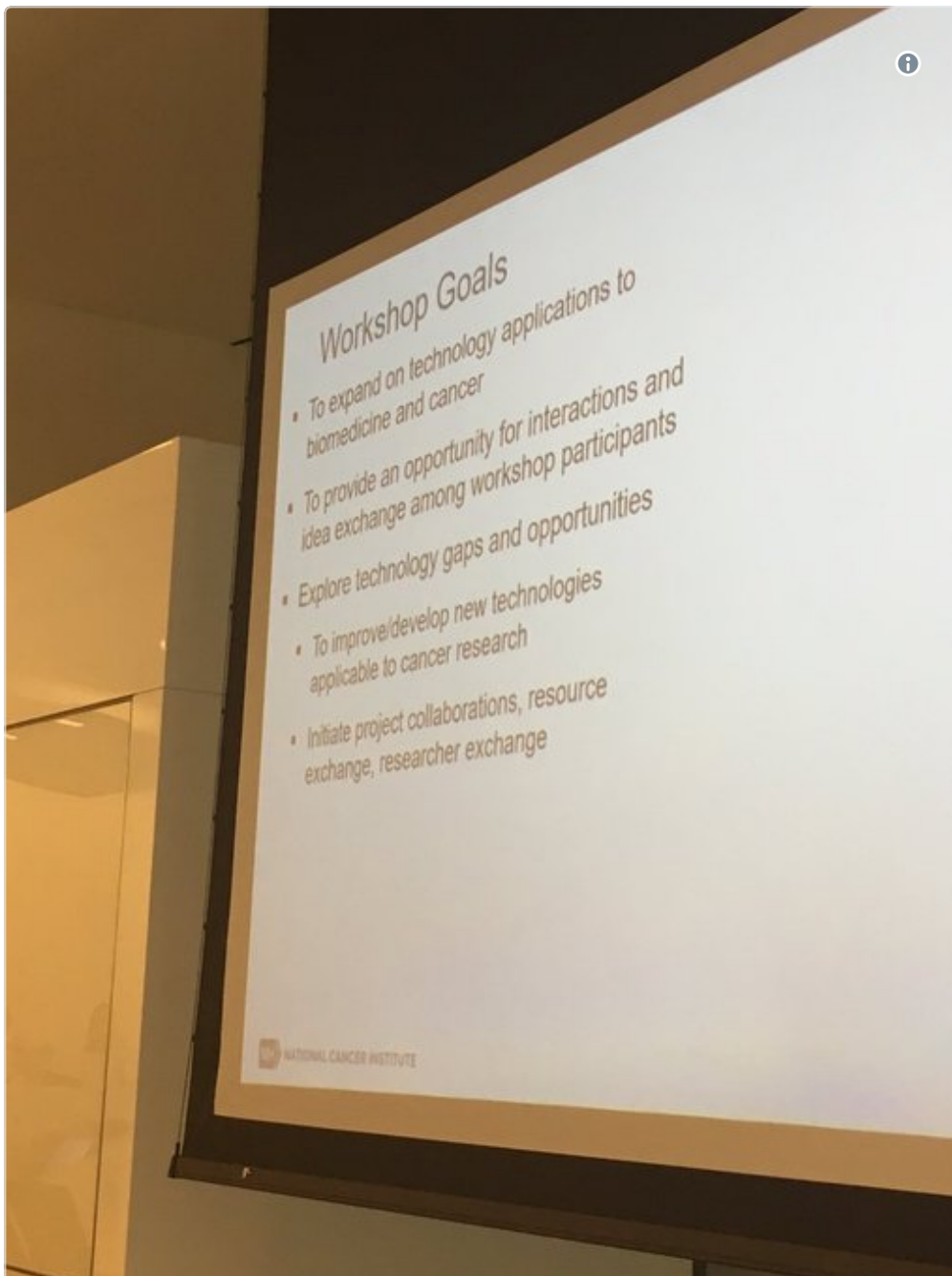
@USAUCancerWkshp

Follow

The workshop has started! Stephanie Morris [#NCI](#) [#USAuscancerTech](#)


10:47 PM - 13 Jun 2017

↩️ ↻ 3 ❤️ 5



Workshop Goals

- To expand on technology applications to biomedicine and cancer
- To provide an opportunity for interactions and idea exchange among workshop participants
- Explore technology gaps and opportunities
- To improve/develop new technologies applicable to cancer research
- Initiate project collaborations, resource exchange, researcher exchange

 NATIONAL CANCER INSTITUTE



US-AUS CancerBioTech

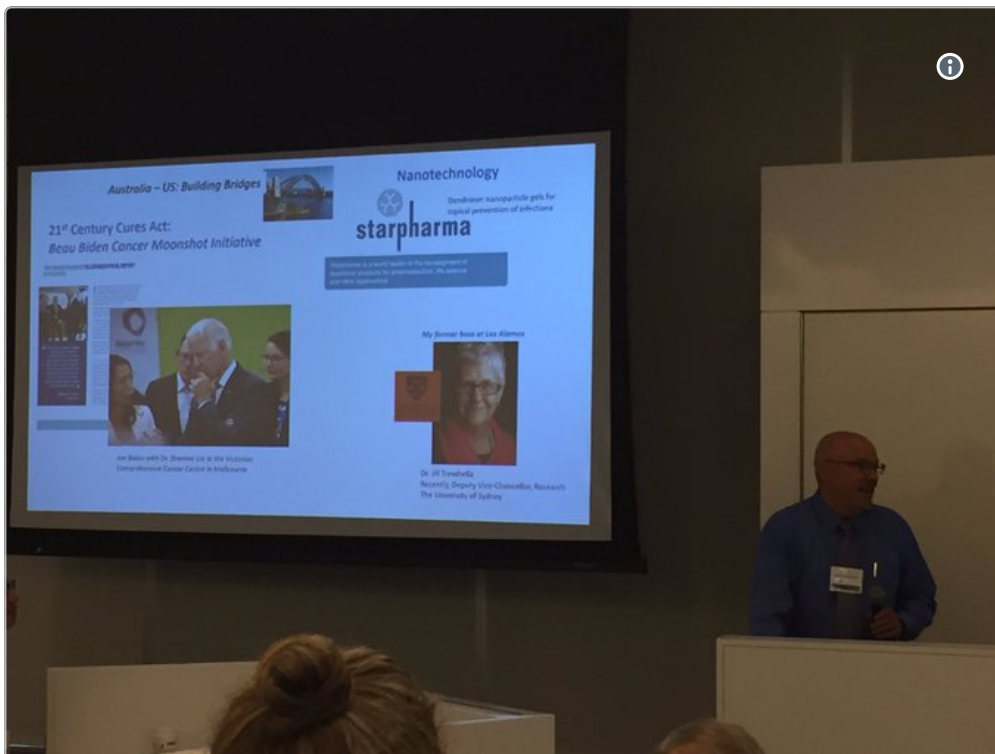
@USAUCancerWkshp

 Follow

Setting the goals of the workshop #USAusCancerTech

10:49 PM - 13 Jun 2017

  3  5



Sally McArthur
@mca178

[Follow](#)

Kicking off [#USAusCancerTech](#) here in DC. Thanks to [@NIH](#), [@VirginiaTech](#) [#collaboratetoinnovate](#) ping [@MTPConnect_AUS](#)

10:50 PM - 13 Jun 2017 · Arlington, VA

[↩](#) [↻](#) 2 [♥](#) 7



Phoebe Phillips
@Phillips1Phoebe

[#USAusCancerTech](#) Great to be attending US-Australia Emerging Technologies Workshop to foster collaborations [@CancerSPHERE](#) [@UNSWnews](#)

[🐦](#) 13 DAYS AGO



Sally McArthur
@mca178

[Follow](#)

So many opportunities for research connections in the room here at [#USAusCancerTech](#), great to hear about funding [@NIH](#) [@NSF](#) [@arc_gov_au](#)

10:53 PM - 13 Jun 2017 · Arlington, VA



US-AUS CancerBioTech

@USAUCancerWkshp

[Follow](#)

Joe Miller [#NSF](#) explains the structure of NSF for the Australian colleagues [#USAusCancerTech](#)

10:54 PM - 13 Jun 2017

[↩](#) [↻](#) 2 [❤](#) 2



Sally McArthur

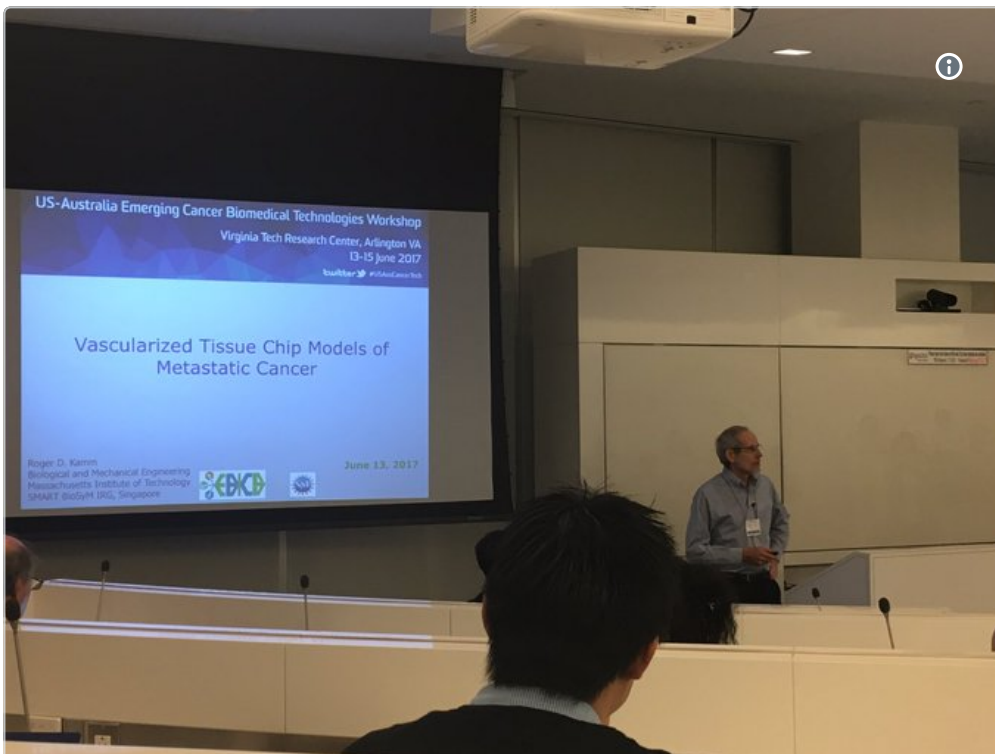
@mca178

[Follow](#)

Hearing about [#IRES](#) program [@NSF](#) - International Research Experience for Students. How about it [@thermogoddammit](#) [@99Gamble](#) [#USAusCancerTech](#)

10:57 PM - 13 Jun 2017 · Arlington, VA

3



US-AUS CancerBioTech
@USAUCancerWkshp

 Follow

Keynote speaker Roger Kamm from [#MIT](#) [#USAusCancerTech](#)

11:02 PM - 13 Jun 2017





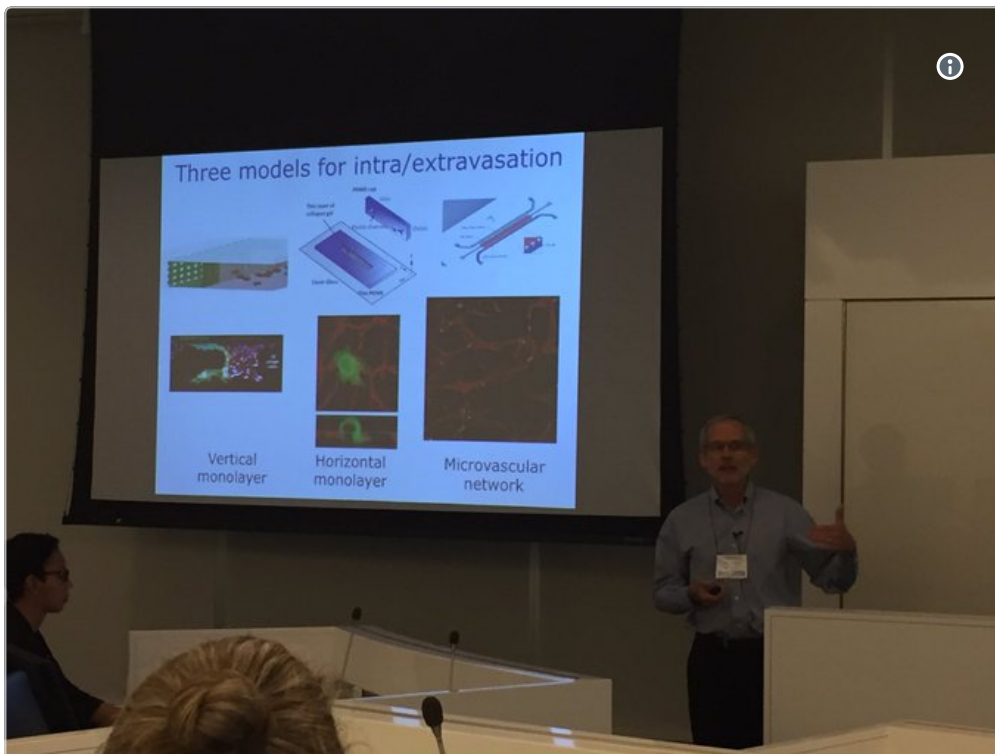
Alex Hyler
@hyler22

 Follow

US and Australian partners united & spanning academia, government, and industry to address cancer challenges.
[#USAusCancerTech](#) [#VT](#)

11:07 PM - 13 Jun 2017

  4  6



Sally McArthur

@mca178

 Follow

Keynote talk from [@MIT](#) Prof Roger Kamm on Tissue Chip vascular models for cancer invasion [#USAusCancerTech](#) [#collaboratetoinnovate](#) [@NIH](#)

11:08 PM - 13 Jun 2017 · Arlington, VA

   2



Jennifer Grossman

@jenniferblakeha

 Follow

MIT's Roger Kamm gives a great keynote at the US-Australia Emerging Cancer Biomedical Technologies Workshop
[#USAusCancerTech](#)

11:08 PM - 13 Jun 2017

  5  5



Sally McArthur

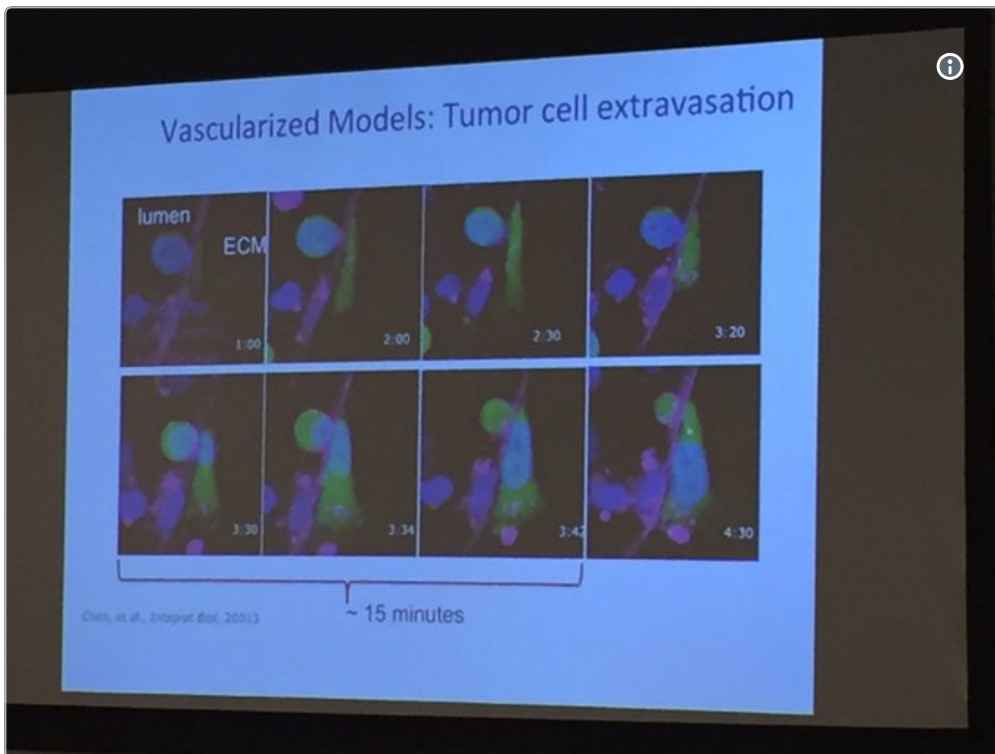
@mca178

 Follow

Fascinating talk from Roger Kamm [#USAusCancerTech](#), his recent papers [nature.com/nprot/journal/...](https://www.nature.com/nprot/journal/) ping [@Nanomelb](#) [@NicoVoelcker](#) [#Probingbiosystems](#)

11:14 PM - 13 Jun 2017 · Arlington, VA

1



Sally McArthur

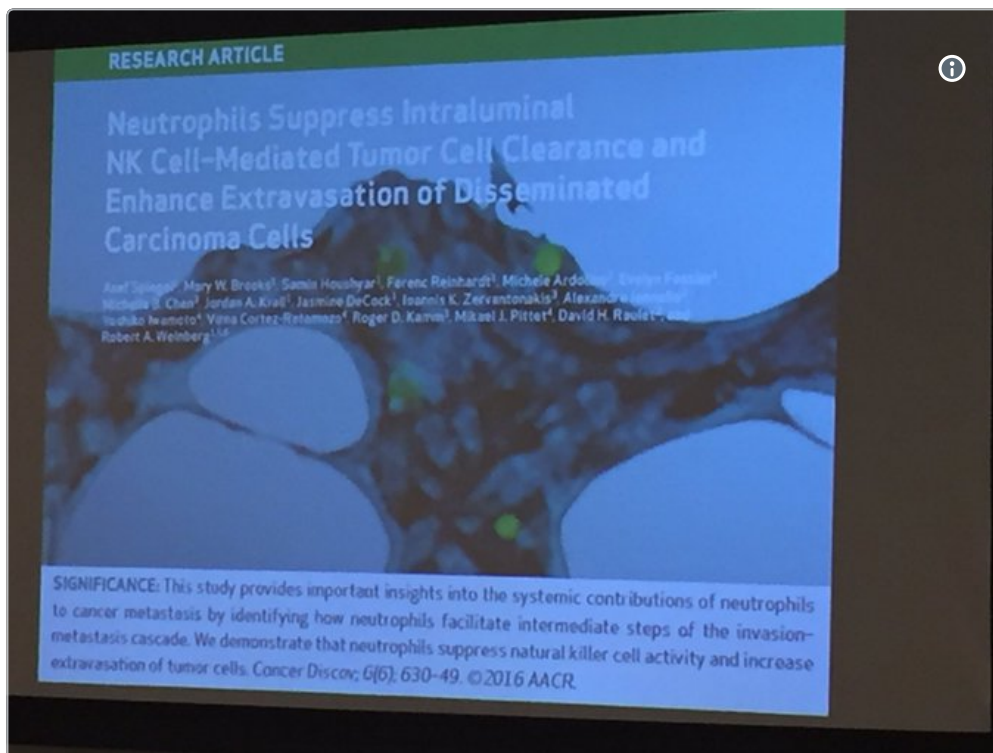
@mca178

 Follow

Beautiful imaging from Roger Kamm using microfluidics to develop our understanding of how cancer spreads in the body
[#USAusCancerTech](#) [@NIH](#)

11:22 PM - 13 Jun 2017 · Arlington, VA

  1  5



Sally McArthur

@mca178

Follow

Fascinating insights into the role of PMNs in tumor invasion from Roger Kamm #USAusCancerTech cancerdiscovery.aacrjournals.org/content/6/6/630 #3Dmodels #invitro

11:40 PM - 13 Jun 2017 · Arlington, VA



Anne O'Neill

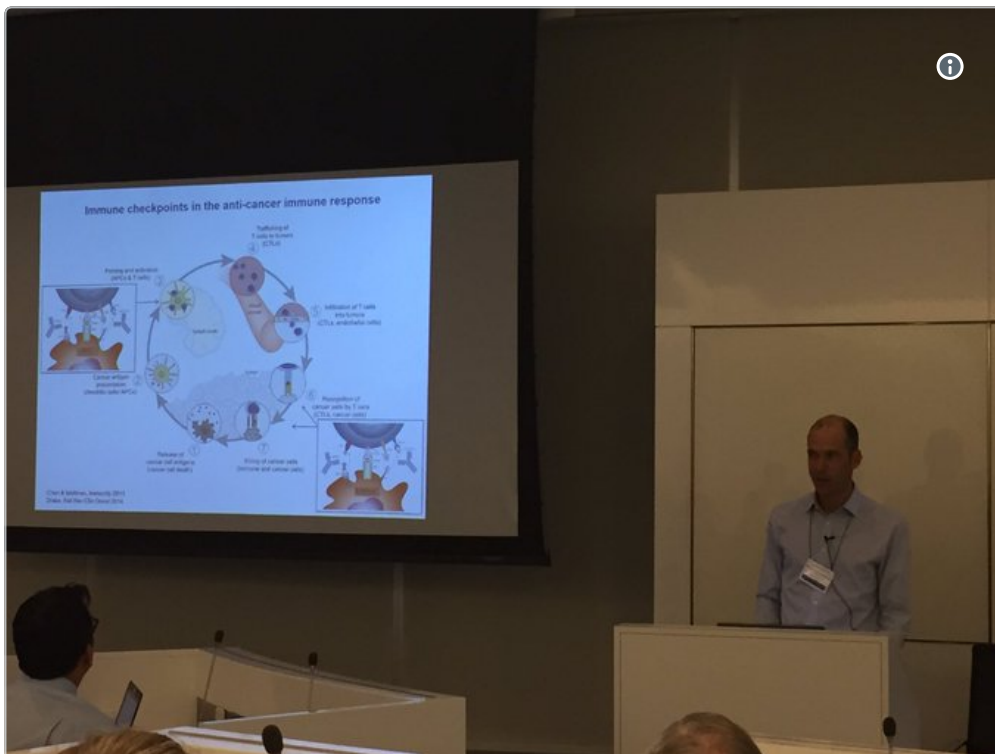
@AnneCONEill

Follow

Surrounded by some big brains & mega talent today -US and Australia jamming over cancer challenges #medical research rocks #USAusCancerTech

11:47 PM - 13 Jun 2017 · Virginia Tech Research Center

1 5



Sally McArthur

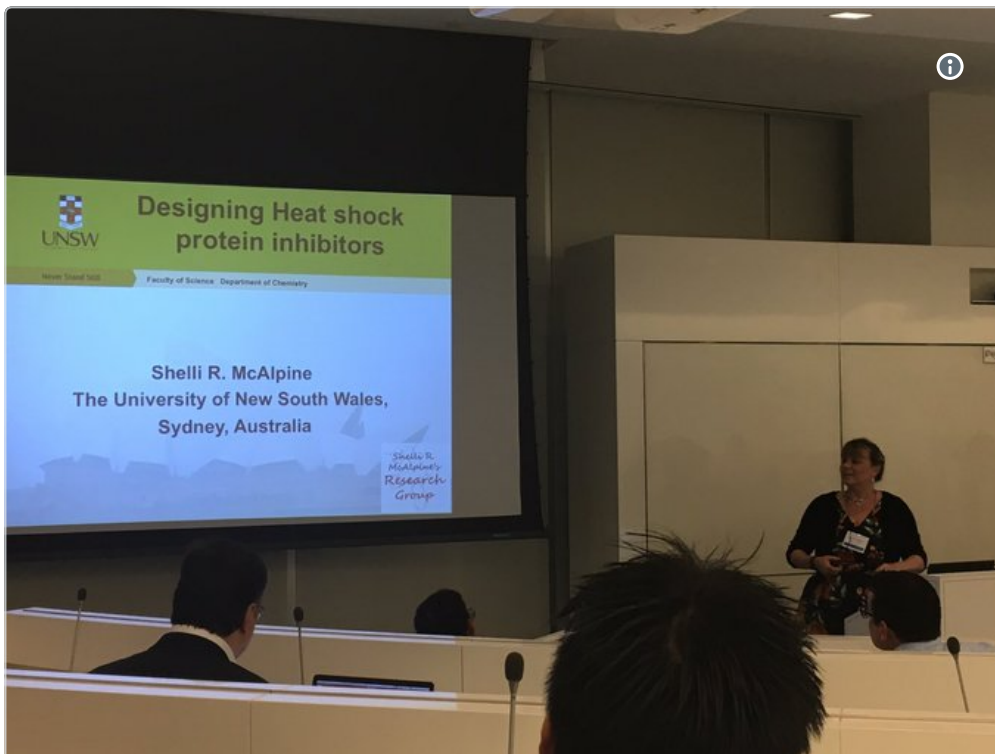
@mca178

 Follow

First Australian talk [#USAusCancerTech](#) from [@uwanews](#) Joost Lesterhuis on [#systemsbiology](#) approach to immunotherapy combinations in cancer

11:53 PM - 13 Jun 2017

  1  3



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

First presentation from #UNSW Shelli McAlpine
[#USAUSCancerTech](#)

12:11 AM - 14 Jun 2017

  1  4



Matthew Hall

@cispt2

 Follow

Talking at the [#USAUSCancerTech](#) meeting today on
[@ncats_nih_gov](#) collaborative HTS.

12:25 AM - 14 Jun 2017 · Arlington, VA

5



Sally McArthur

@mca178

 Follow

This looks to be a fabulous program for collaboration and [#ECR](#)
development across borders [#USAUSCancerTech](#)
[nsf.gov/funding/pgm_su...](#)

12:52 AM - 14 Jun 2017

2



US-AUS CancerBioTech

@USAUCancerWkshp

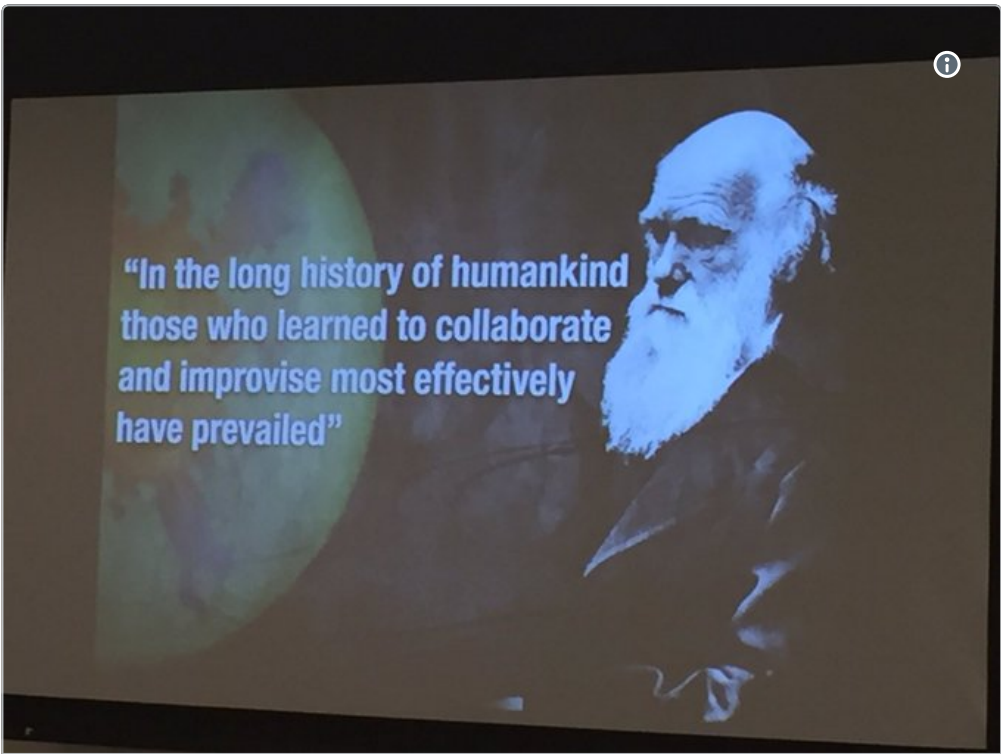
 Follow

Great finishing quote from Alexander Anderson

[#USAUSCancerTech](#)

1:12 AM - 14 Jun 2017

   1



Sally McArthur

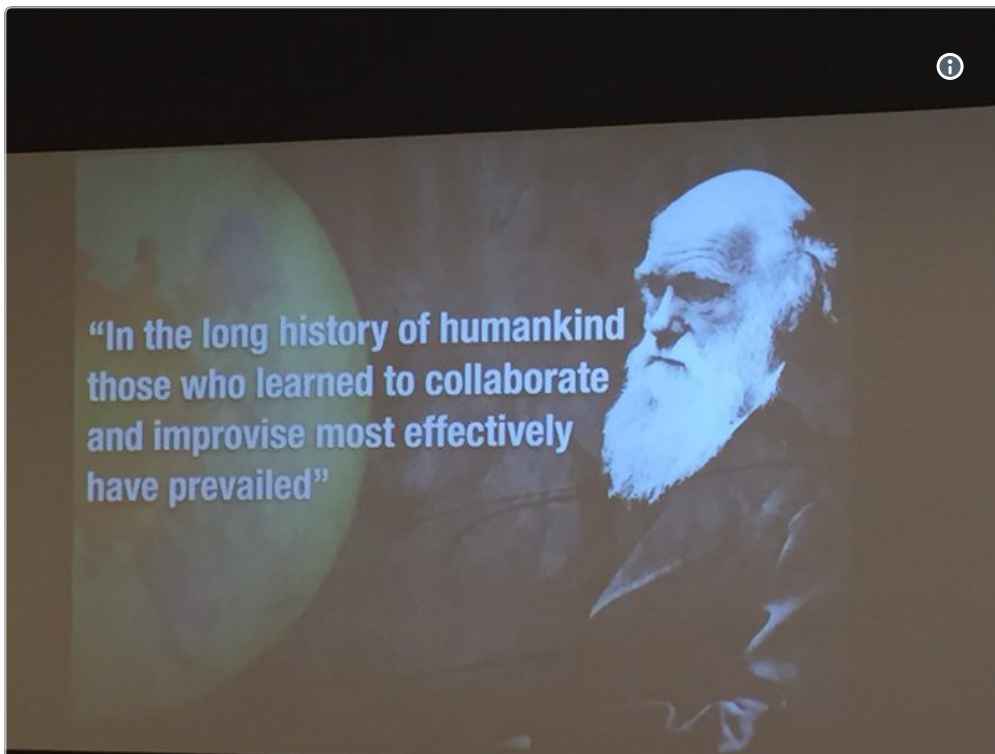
@mca178

 Follow

Alexander Anderson [#Moffit](#) Cancer Centre on Adaptive Cancer Treatments and one of the core themes of [#USAusCancerTech](#) [#collaboratetoinnovate](#)

1:14 AM - 14 Jun 2017 · Arlington, VA

   1



Anne O'Neill
@AnneCONeill

 Follow

Thankyou Alexander Anderson @CancerMoffitt for reminding us of these wise words #Darwin #USAUSCancerTech

1:15 AM - 14 Jun 2017

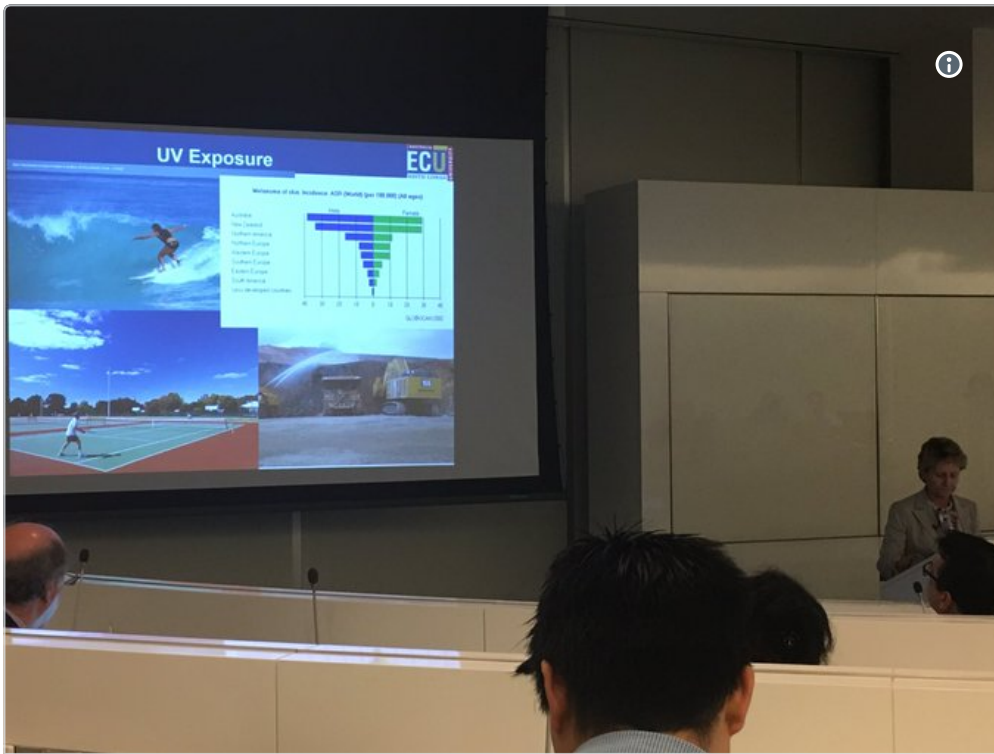
   1



Phoebe Phillips
@Phillips1Phoebe

@USAUCancerWkshp @mca178 A great job representing transdisciplinary research from @UNSWnews @CancerSPHERE #USAUSCancerTech

 13 DAYS AGO



US-AUS CancerBioTech
@USAUCancerWkshp

[Follow](#)

Mel Ziman from #ECU talking about melanoma cancer. Aus & NZ have highest prevalence of melanoma #USAUSCancerTech

2:02 AM - 14 Jun 2017

[Reply](#) [Retweet](#) 1 [Like](#) 2



Sally McArthur
@mca178

[Follow](#)

On a very steep cancer biology learning curve this morning
#USAusCancerTech - brilliant set of teachers though!
#don'tshoottheengineer

2:09 AM - 14 Jun 2017 · Arlington, VA

2



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

Konstantinos Konstantopoulos teaching us about metastasis

[@JohnsHopkins](#) [#USAUSCancerTech](#)

2:26 AM - 14 Jun 2017

  1  1



Matthew Hall

@cispt2

 Follow

Hewitt [@theNCI](#) on [#biomarkers](#): "If u don't want to find a fever don't take the patient's temperature". Shem, House of God.

[#USAUSCancerTech](#)

2:47 AM - 14 Jun 2017

1 3



Sally McArthur

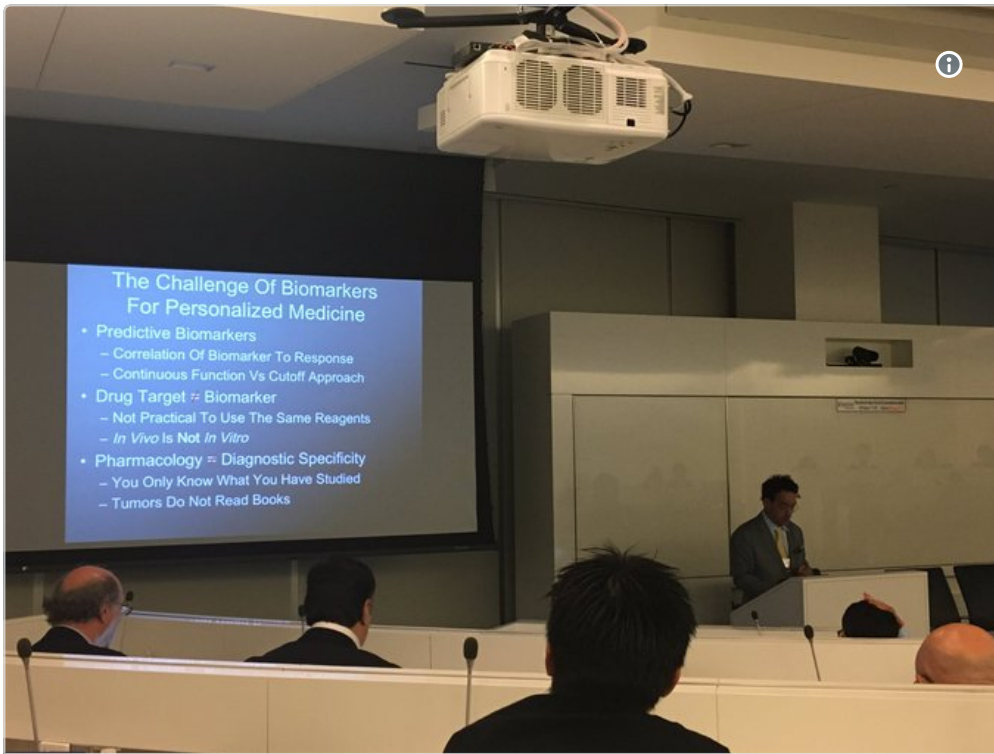
@mca178

 Follow

'If you are going to take a measurement you need to be prepared to take action' Stephen Hewitt [@theNCI](#) on cancer biomarkers [#USAUSCancerTech](#)

2:47 AM - 14 Jun 2017 · Arlington, VA

1 1



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

Stephen Hewitt @NCIResearchCtr on all things cancer biomarkers #USAUSCancerTech

2:50 AM - 14 Jun 2017

  1  4



Sally McArthur

@mca178

 Follow

Hearing about the use of tissue immunoblotting for proteomics profiling from @theNCI Stephen Hewitt #USAUSCancerTech link.springer.com/protocol/10.10...

2:57 AM - 14 Jun 2017 · Arlington, VA

Proteomic Expressional Profiling of a Paraff...

In the functional proteome era, the proteomic profiling of clinicopathologic annotated tissues is an essential step for mining and evaluations of link.springer.com



Sally McArthur

@mca178

Follow

Back from lunch #USAUSCancerTech with @UNSW Michael Barton discussing MRI guided linear accelerators to expand global access to radiotherapy

3:49 AM - 14 Jun 2017 · Arlington, VA

1 1



US-AUS CancerBioTech

@USAUCancerWkshp

Follow

Michael Barton @UNSW presenting on radiotherapy & the MRI Linac program #USAUSCancerTech

3:51 AM - 14 Jun 2017

↩ ↻ ❤ 1



Sally McArthur

@mca178

 Follow

Hearing about the Australian MRI LINAC - targeting heterogenous tumors & providing real time, individualised treatments [#USAusCancerTech](#)

3:54 AM - 14 Jun 2017

   1



Sally McArthur

@mca178

 Follow

Use of diffusion MRI for brain cancer surgical planning & open source Slicer dMRI software from Laurie O'Donnell @Harvard #USAusCancerTech

4:09 AM - 14 Jun 2017 · Arlington, VA



Sally McArthur

@mca178

 Follow

Knowing about one brain fibre track is like a map with only one road, dMRI adds all roads & land in between - O'Donnell #USAusCancerTech

4:11 AM - 14 Jun 2017 · Arlington, VA



US-AUS CancerBioTech

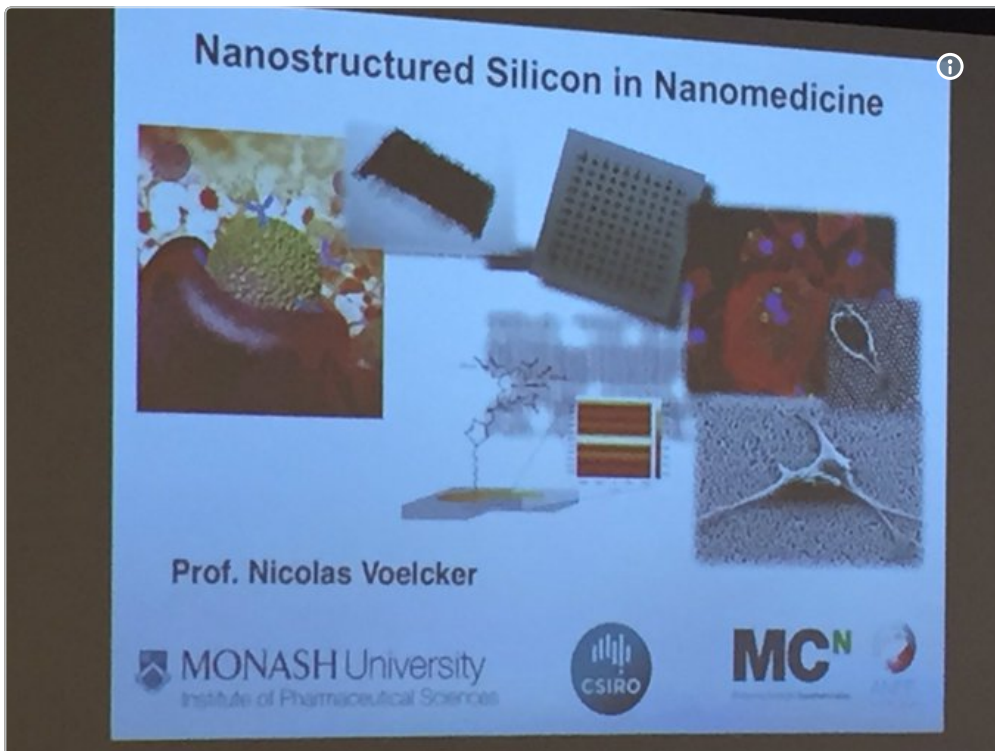
@USAUCancerWkshp

 Follow

Peter Gunning @UNSW explaining his wonderful research in search of curing cancer #USAUSCancerTech

4:12 AM - 14 Jun 2017

  2  5



Sally McArthur

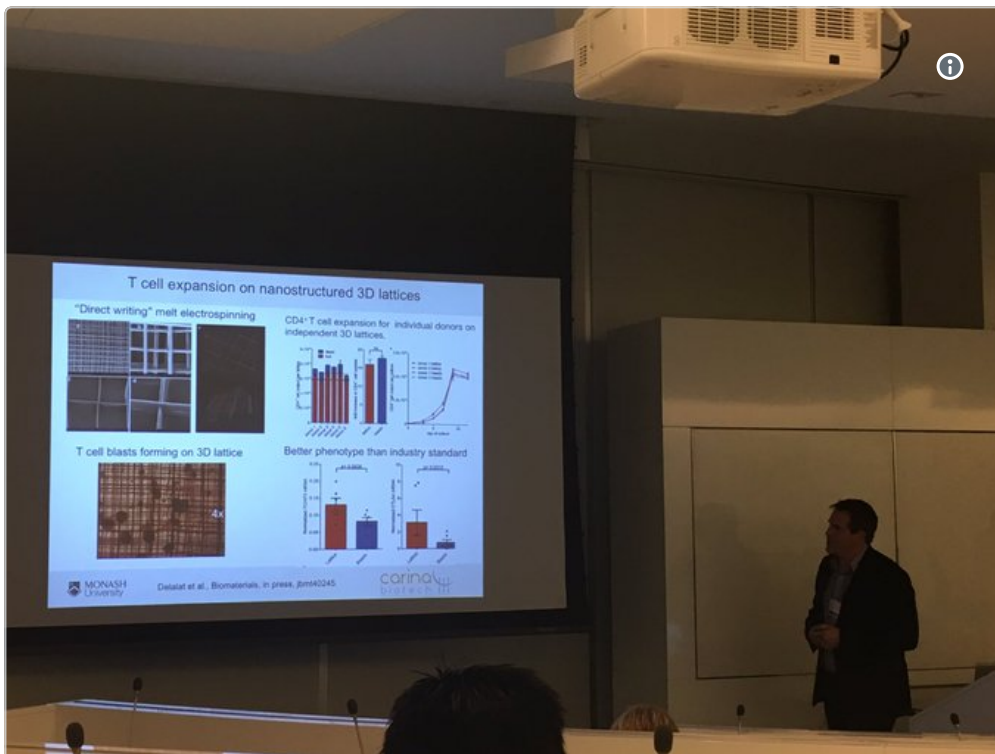
@mca178

 Follow

Next up #USAusCancerTech @NicoVoelcker from @MonashUni @Nanomelb discussing Nanostructured silicon in Nanomedicine #materialsfightcancer

4:28 AM - 14 Jun 2017 · Arlington, VA

   2



US-AUS CancerBioTech

@USAUCancerWkshp

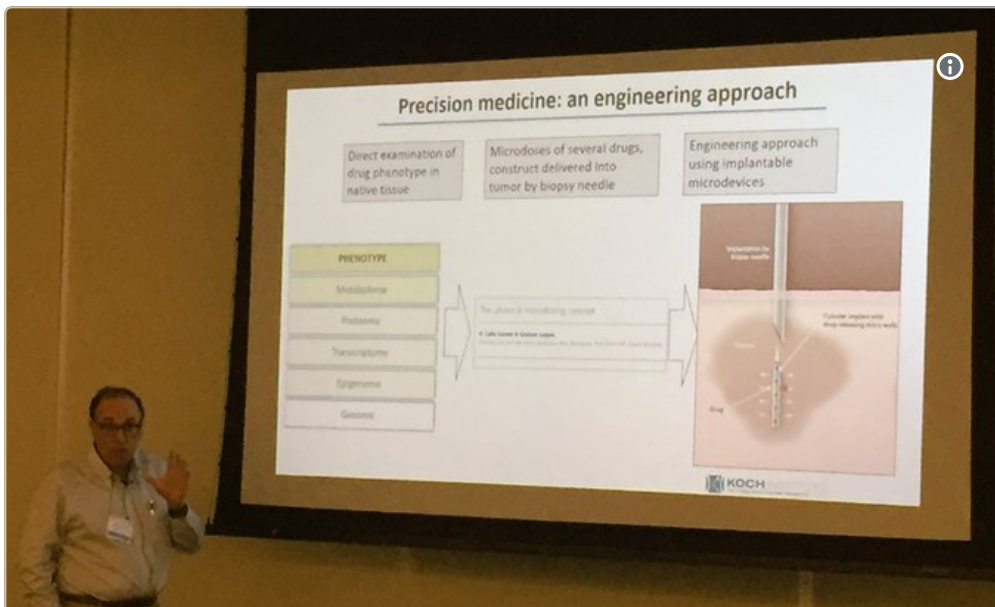
 Follow

Nanostructured silicon in nanomedicine by Nicolas Voelcker

[@MonashUni](#) [#USAUSCancerTech](#)

4:47 AM - 14 Jun 2017

  1  1



Sally McArthur

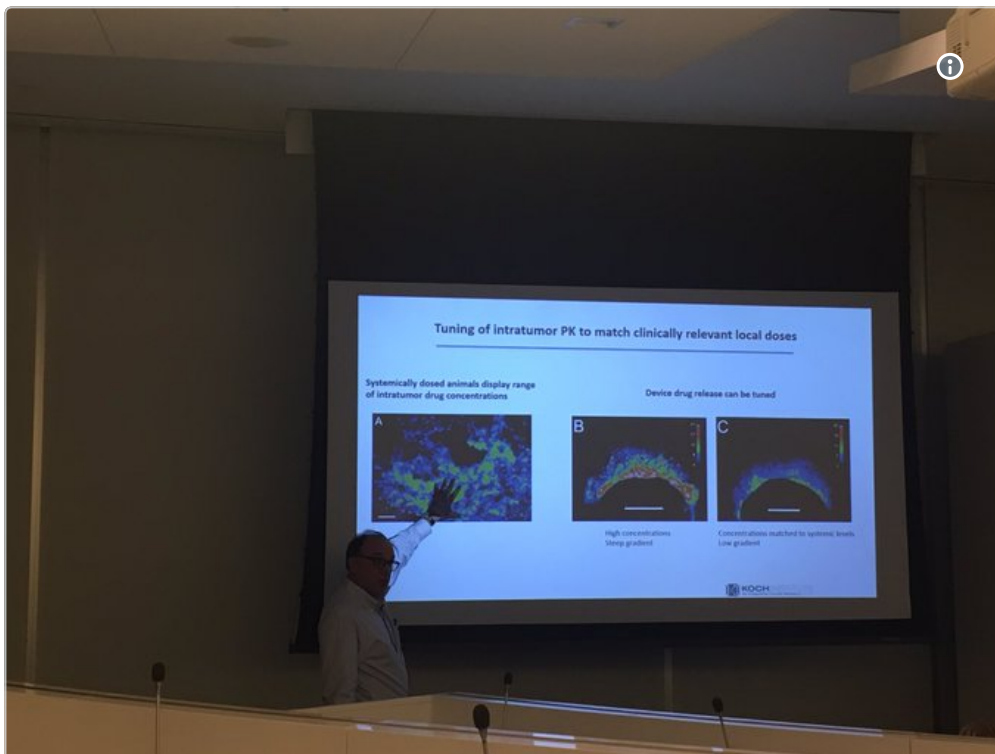
@mca178



Prof Michael Cima @MIT discussing engineering approaches to precision medicine via highthroughput in vivo drug screening #USAusCancerTech

4:51 AM - 14 Jun 2017 · Arlington, VA





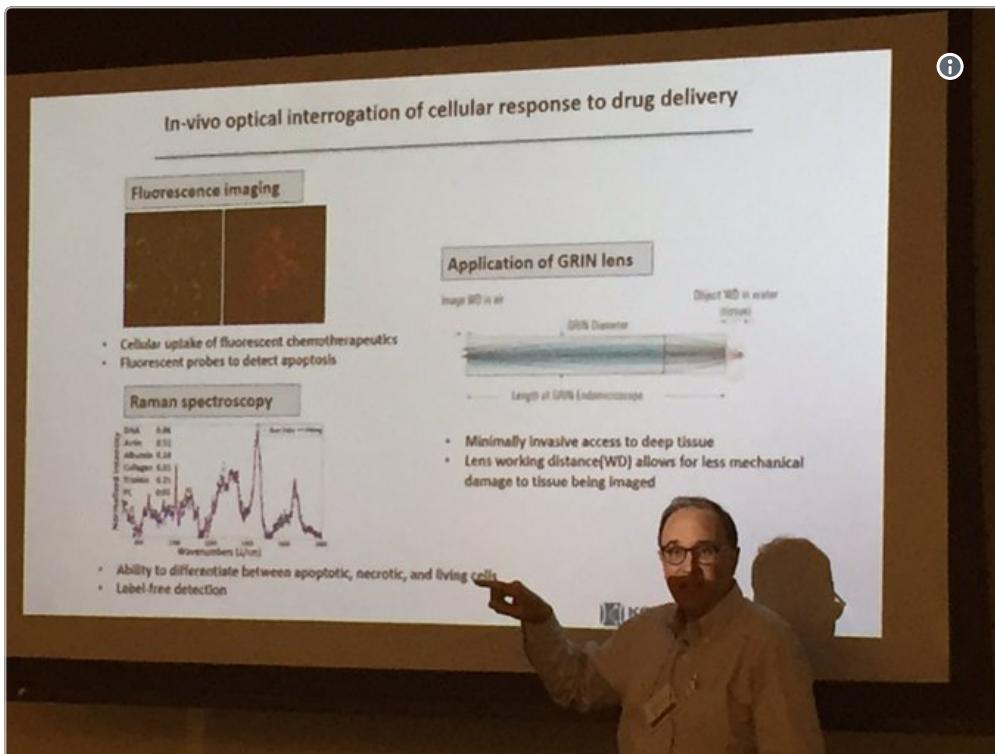
US-AUS CancerBioTech
@USAUCancerWkshp

 Follow

Michael Cima @MIT describing how implantable microscale devices can be used in cancer treatment #USAusCancerTech

4:56 AM - 14 Jun 2017

  2  1



Sally McArthur

@mca178

Follow

Michael Cima building GRIN lenses onto fibres to image drug delivery effects in vivo without the need for biopsy!

[#USAusCancerTech](#) [#3R](#)

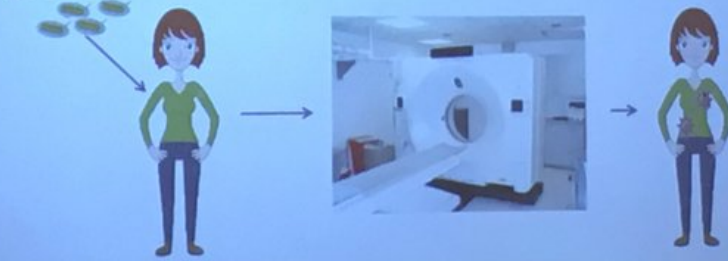
5:02 AM - 14 Jun 2017 · Arlington, VA

1

+ Diagnosis and Treatment in One

- Gold is optically dense
 - Can be seen using a CT-scanner
- Can also load dyes into particles
 - MRI scanning

Administer particles



US-AUS CancerBioTech

@USAUCancerWkshp

[Follow](#)

Kylie Wagstaff @MonashUni talking about Nanoparticles & chemotherapeutic agents for breast cancer #USAusCancerTech

5:20 AM - 14 Jun 2017

👤 2 ❤️ 3



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

Time for the afternoon session! [@theNCI](#) [#USAusCancerTech](#)

5:51 AM - 14 Jun 2017

   2



Sally McArthur

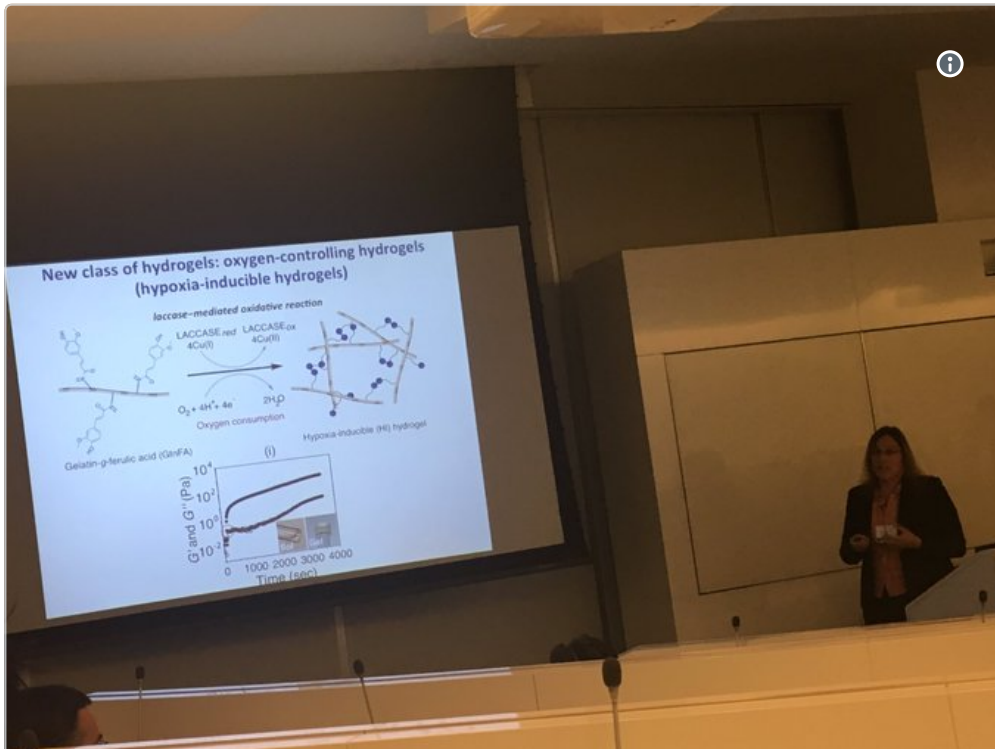
@mca178

Follow

My talk is next in an all female session [#USAusCancerTech](#).
[#womeninSTEM](#) [#Engineerwalksintoacancermeeting](#)
[#6aminMelbourne](#) [#wishmeluck](#)

5:58 AM - 14 Jun 2017 · Arlington, VA

5 18



US-AUS CancerBioTech

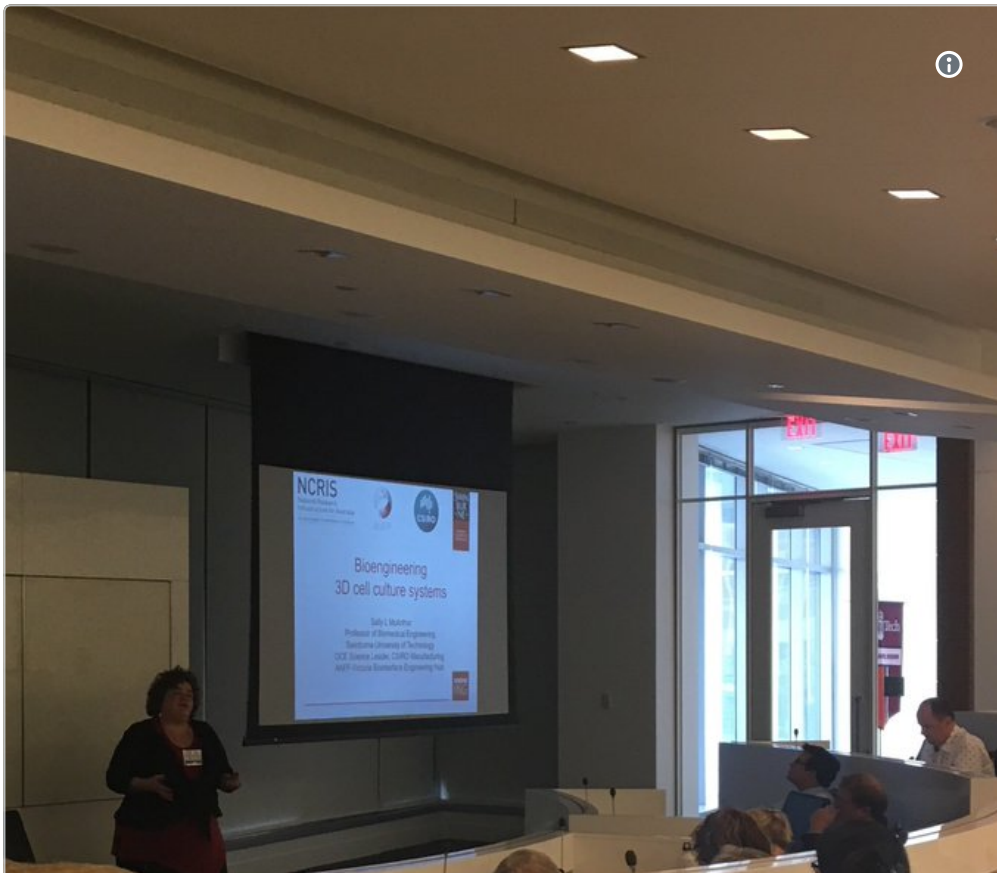
@USAUCancerWkshp

Follow

Sharon Gerecht [@JohnsHopkins](#) oxygen, cancer & hydrogel matrices [#USAusCancerTech](#)

6:05 AM - 14 Jun 2017

👤 ↻ ❤️ 1



US-AUS CancerBioTech

@USAUCancerWkshp

[Follow](#)

Sally McArthur "engineer meets biologist, looking to collaborate "

[@mca178](#) [@CSIROnews](#) [@Swinburne](#) [#USAUSCancerTech](#)

6:19 AM - 14 Jun 2017

[↩](#) [↻](#) 1 [❤](#) 3



Anne O'Neill

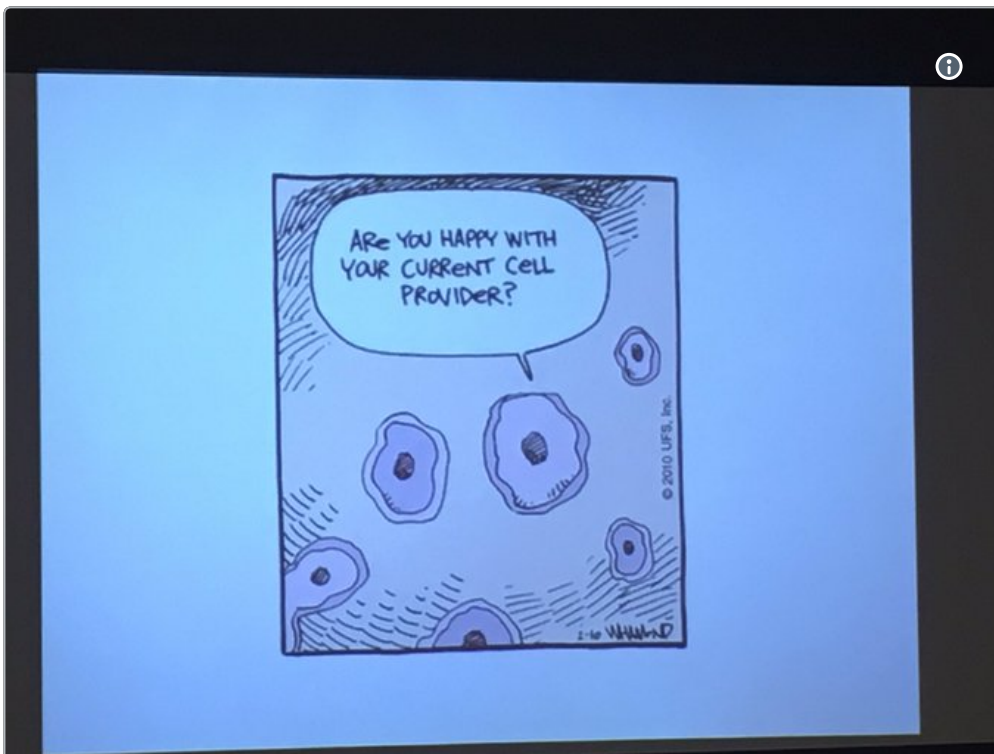
@AnneCONeill

[Follow](#)

Loving hearing [@mca178](#) talk about the interface between biology and technology in the real world [#USAUSCancerTech](#) twitter.com/usaucancerwksh...

6:22 AM - 14 Jun 2017 · Arlington, VA

1 [3](#)



US-AUS CancerBioTech

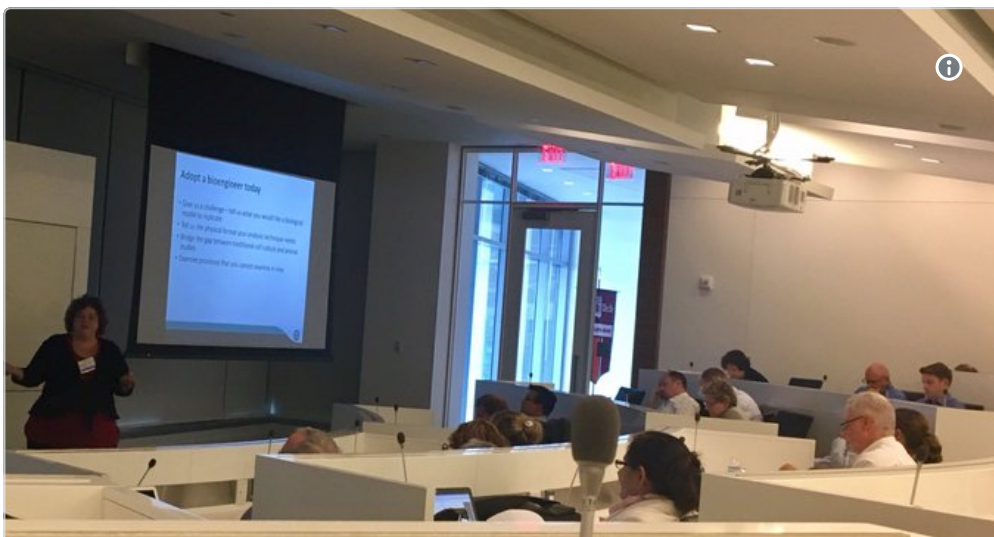
@USAUCancerWkshp

[Follow](#)

@mca178 great slides #sciencehumour #USAusCancerTech

6:30 AM - 14 Jun 2017

[Reply](#) [Retweet](#) 1 [Like](#) 2



US-AUS CancerBioTech

@USAUCancerWkshp

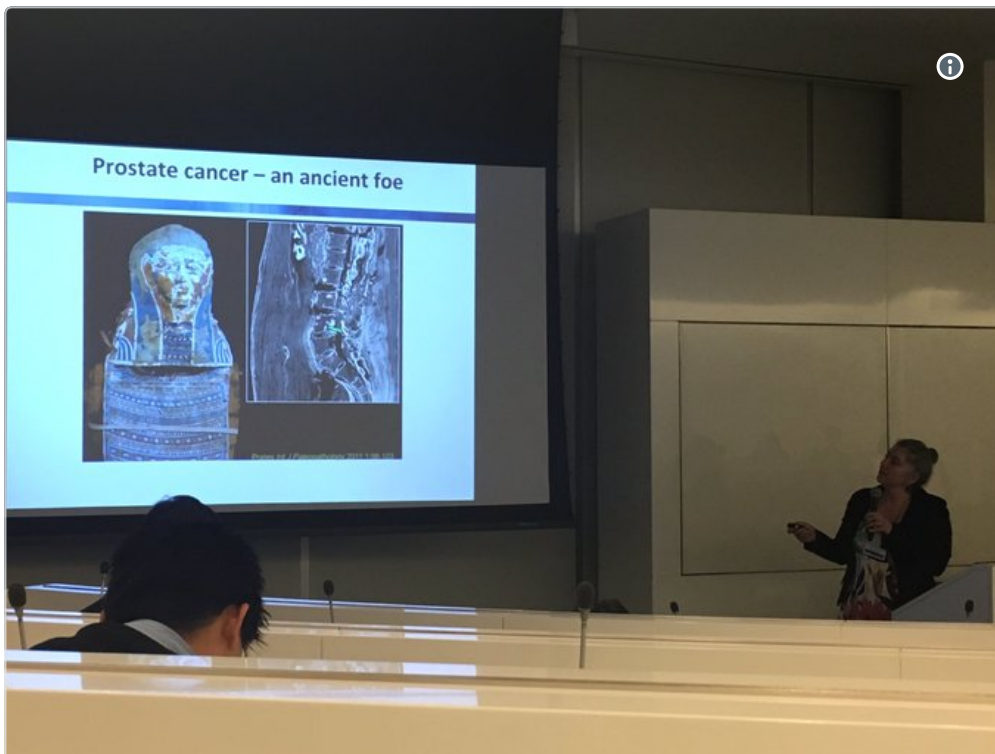
[Follow](#)

Great call out for collaboration "adopt a bioengineer" @mca178

@Swinburne @CSIROnews #USAusCancerTech

6:34 AM - 14 Jun 2017

[Reply](#) [Retweet](#) 2 [Like](#) 3



US-AUS CancerBioTech
@USAUCancerWkshp

 Follow

Bone metastasis in a mummy! Elizabeth Williams talk @QUT
[#USAusCancerTech](#)

6:37 AM - 14 Jun 2017

   1

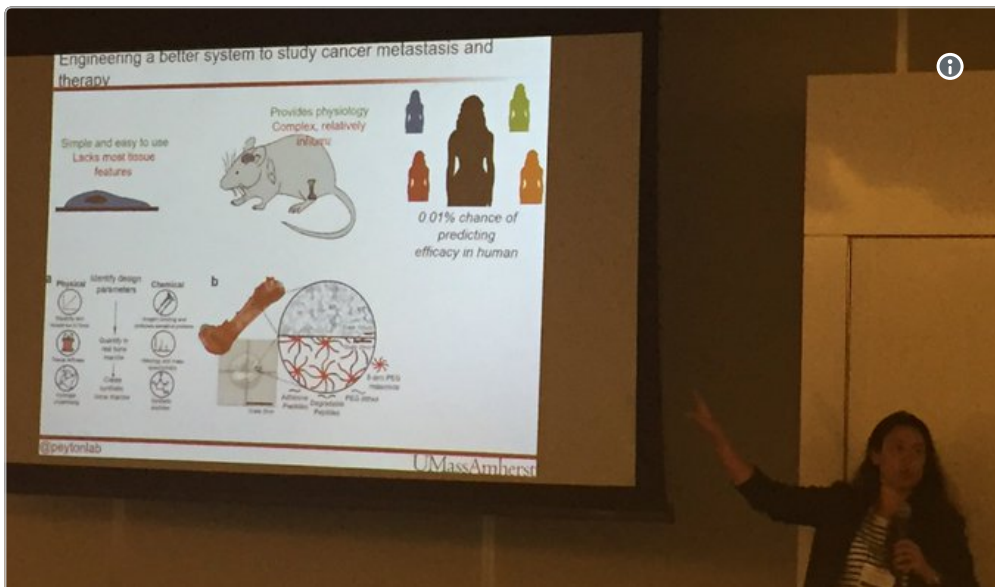


US-AUS CancerBioTech
@USAUCancerWkshp

Follow

[#USAusCancerTech](#) twitter.com/nicovoelcker/s...

6:50 AM - 14 Jun 2017



Sally McArthur

@mca178

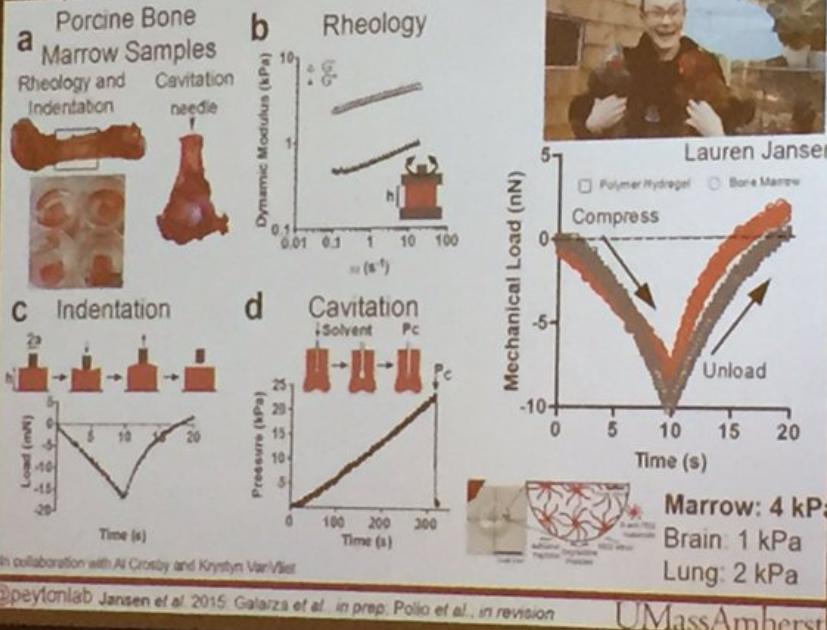
[Follow](#)

Using PEG-based materials to model breast to bone marrow metastasis - great talk from Shelly Peyton [@peytonlab](#)
[#USAusCancerTech](#) [#farmtolab](#)

7:00 AM - 14 Jun 2017

[↩](#) [↻](#) [❤](#) 2

Rational design of marrow-approximating hydrogel: compliance



Sally McArthur

@mca178

[Follow](#)

Great cavitation method for measuring the mechanical properties of bone marrow from [@peytonlab](#) (along with other cool stuff) [#USAUSCancerTech](#)

7:03 AM - 14 Jun 2017 · Arlington, VA

👤 1 ❤️ 2



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

Great day 1 of the workshop. Great hosts [@virginia_tech](#)
[#USAusCancerTech](#)

7:27 AM - 14 Jun 2017

   2



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

[#USAusCancerTech](#) [twitter.com/anneconeill/st...](#)

7:43 AM - 14 Jun 2017

2



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

Enroute to Aus Embassy for the welcome reception
[@AusintheUS](#) [@AustradeUSA](#) [#USAUsCancerTech](#)

7:48 AM - 14 Jun 2017

  2  5



Sally McArthur

@mca178

 Follow

Off to visit Australian Embassy here in Washington for a
reception with the [#USAUSCancerTech](#) workshop participants.
Ping [@JoeHockey](#)

8:13 AM - 14 Jun 2017 · Washington, DC



Reimagining Cancer

@MarkBoguskiMD

 Follow

[#USAUSCancerTech](#) reception at Australian embassy in D.C.

8:34 AM - 14 Jun 2017

   1



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

Great networking reception at the Aus Embassy @AusintheUS
[@AustradeUSA](#) [#USAUsCancerTech](#)

8:48 AM - 14 Jun 2017

  2  4



US-AUS CancerBioTech

@USAUCancerWkshp

 Follow

UNSW networking happening in the US @UNSW
[@AustradeUSA](#) #USAusCancerTech

9:07 AM - 14 Jun 2017

  3  12



Alex Hyler

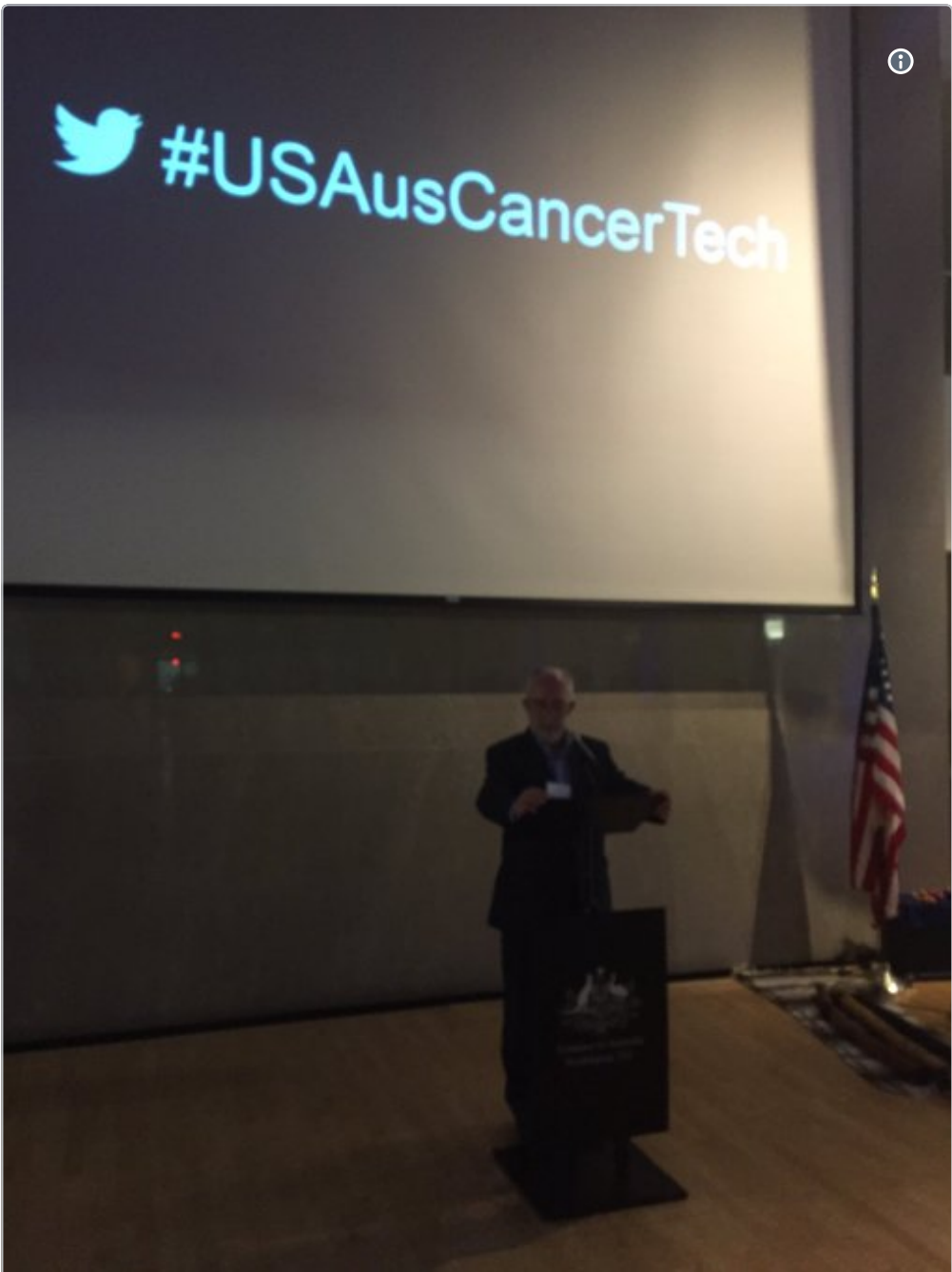
@hyler22

 Follow

Enjoying fellowship and networking across two worlds to tackle cancer. [#USAusCancerTech](#) [#moonshot](#) [#unitedworld](#) [#research](#)

9:08 AM - 14 Jun 2017





Reimagining Cancer

@MarkBoguskiMD

 Follow

[#USAUSCancerTech](#)

9:08 AM - 14 Jun 2017





US-AUS CancerBioTech

@USAUCancerWkshp

[Follow](#)

John Anglely [@AustradeUSA](#) "the US is Australia's largest investor" [@Austrade](#) [#USAusCancerTech](#)

9:09 AM - 14 Jun 2017

[Reply](#) [Retweet](#) 4 [Like](#) 7



US-AUS CancerBioTech

@USAUCancerWkshp

[Follow](#)

Doug Lowy [@NCIDrDoug](#) welcoming the bilateral cancer biotech program [@AusintheUS](#) [@theNCI](#) [#USAusCancerTech](#)

9:13 AM - 14 Jun 2017

[Reply](#) [Retweet](#) 1 [Like](#) 5



Sally McArthur

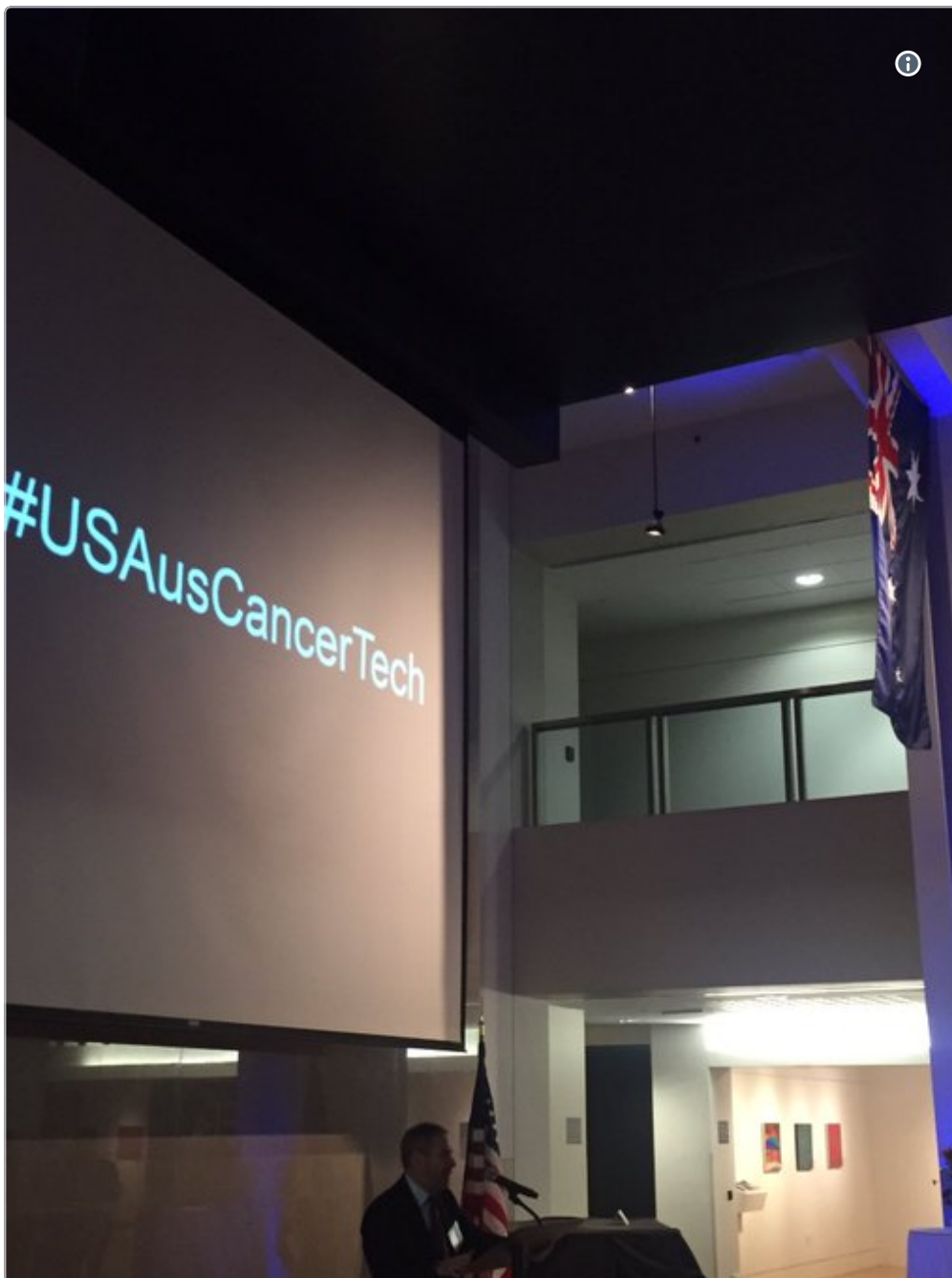
@mca178

Follow

Perfect timing for those attending [#USAusCancerTech](#) this week in Washington DC [#collaboratetoinnovate](#)
twitter.com/dr_krystal/sta...

9:13 AM - 14 Jun 2017 · Washington, DC

2



Alex Hyler
@hyler22

 Follow

[@theNCI](#) director addressing international collaborations for cancer. [#USAusCancerTech](#) [#cancerknowsnoboundaries](#)

9:13 AM - 14 Jun 2017

   1



Sally McArthur

@mca178

Follow

Acting Director [@theNCI](#) discussing the importance of technology in the [#CancerMoonshot](#). Lots of funding opportunities [#USAusCancerTech](#)

9:16 AM - 14 Jun 2017 · Washington, DC

3 2



FIU DC FIUdc
@FIUdc

 Follow

@FIU we know that medical communities across the globe mutually inform one another in crucial areas such as cancer research #USAusCancerTech

10:53 AM - 14 Jun 2017 · Embassy Of Australia

  3  4



Jesus Soriano

@JesusVSoriano

Follow

Follow [#USAusCancerTech](#) to learn more about the event and [#SBIR](#) efforts against [#cancer](#) by [@NCIsbir](#) [@NSFSBIR](#) here: bit.ly/2rgrjZj [twitter.com/JesusVSoriano/...](https://twitter.com/JesusVSoriano/)

9:34 PM - 14 Jun 2017

2

3

♥ 14

🔗 Share