MEMORIES TO

Cherish

{ THE MSMA 25th REUNION }

Oct. 24 & 25th, 2014
**WHO?**
MSMA group, lots of friends

**WHAT?**
To celebrate MSMA 25th Anniversary

**WHERE?**
Singh Nanotechnology Center, U Penn.

**WHEN?**
Friday-Saturday, Oct 24-25th, 2014
Best Wishes from Penn MSMA group

Dear Dr. Allen,

Congratulations on the 45th anniversary of Penn MSMA and enormous success you have achieved along the way!!

I take this chance to thank you for all the guidance you have given me in my only science and research, but also in my career and life. I wish you happiness and more successful adventures always.

- Wang, Shun

Dear Dr. Allen,

Congratulations!! Thank you so much for being so patient and reaching out to me on this matter. Now I feel much better in your group meeting since you never misunderstood me when I was saying it. I wish the world would not be harder and you would be happier and happier!!

-Dick
Top 5 quotes by MA

5. "There's always another flight within an hour out of Atlanta!"

4. "It occurred to me..."

3. "I don't know much about transistor amplifier design,"
   but {takes to the white board and draws a transistor level model of the UA741 op-amp}...

2. "I don't like using the word novel in a journal article title..."
Congratulations Mark!

Henry
Best wishes from Christofer Hierold
Micro and Nanosystems ETH Zurich

www.micro.mavt.ethz.ch
www.mastermicronano.ethz.ch
Best wishes from the Bio Engineering Laboratory Group, ETHZ in Basel
Family & Friends

At Oliver's house in Switzerland

July, 1998

David Allen (then 5), with Marina Brand

July, 1998
Dear Dr. Allen,

Congratulations on the 25th anniversary of your academic career, celebrating my 25th anniversary joining your MSMA Lab as the first PhD student!

I wish you can enjoy a wonderful life in your home town.

Of course, I hope to go to POSTECH with you again to train them how to drink the cocktail of Soju and Beer... ^^

Cheers!

Chong H. Ahn
I would like to congratulate Dr. Allen on his success with CardioMEMS and getting acquired by St. Jude Medical! --Ben King

Thank you Dr. Mark Allen very much for your continuous and wonderful support!!

...From Dr. Pahnit Sariburi (MSMA'98-00)
Happy 25th anniversary!
On this special day, best wishes go to you. I'm wishing you many laughs, wellness, and happiness along the way. I think this 25th anniversary celebration is an occasion in which to reflect on where we came from, how we started, and what has been important to us. But it is also a time to think about what we want to say about the MSMA at our 30th anniversary.

Special thanks to Dr. Allen for his warm care, support, and guidance.

Jae (Kwangwoon University, Seoul, Korea)
I would like to thank Prof. Mark G. Allen ("The Multidisciplinary Guru") for his many contributions in the field of MEMS. There are many students, like me, who benefited directly from his vast experience and deeper understanding of this subject and in particular, micro-/nano-fabrication. He is one of the most brilliant scientists I have ever worked with. MEMS research at Georgia Tech, under the guidance of Prof. Allen, opened many opportunities for both graduate and undergraduate students. Today, the impact from his research work can be felt in diverse areas such as biomedical implants to wireless communications.

Special Thanks from your Ph.D. student and your "grand-Ph.D." students. Pram Chahal
Dear Dr. Allen,

Congratulations on all the success you have had during the first quarter century of your academic career!

We look forward to seeing much more success to come in the next quarter century!

Please keep healthy and be happy!

Oct 24-25, 2014

YK Yoon and all the Multidisciplinary nano and Microsystems Lab members

Greetings from YK and his Multidisciplinary nano- and Microsystems Lab at U. Florida
Michael Fonseca was working for Jennifer English as part of the SURE program before he became a grad student. Mike and his cubicle neighbors.
Dr. Chang-Hyeon Ji

The four and a half years at GeorgiaTech was one of the most valuable moments in my life, all thanks to Dr. Allen, all the MSMA alumni, and people who have stayed in this room.

Beloved Professor Ji

Always being surrounded by female students => a lot of stress (!) and just a little more fun than doing 1,000 lithographies in the Petit cleanroom. Congratulations on the 25th anniversary of MSMA from Ewha!!
Dear Dr. Allen: Congratulations on the 25th Year anniversary as a great mentor, a innovative scholar and a successful entrepreneur! I am so proud to be part of our MSMA family. It has been a great pleasure for me planning MSMA 25th reunion. I look forward to the 30th, 35th and many more!

Sharon Wu
Hi Dr. Allen, Sorry couldn't be there for MSMA's 25th birthday celebration. But I would definitely like to take this occasion to tell you how fantastic an advisor you've been. Thanks so much for everything. Big congratulations on truly rocking the first 25 years! And best wishes for the next 25 and more!

-Nisarga
Dear Dr. Allen:

Happy MSMA 25 anniversary!
It was great to have my 5-year PhD journey (2005-2010) under your supervision in such an interdisciplinary MSMA research group. Wish you forever young, happy and healthy! Enjoy the next 25 years!!

-Zhan (Jennifer) Liu
At Bird Nest in Beijing

Dr. Allen, Happy 25th Anniversary. All the best. Looking forward to celebrating your 35th anniversary in 2024.

-Wenjun Xu
Dear Dr. Allen,

Hooby for You!!!

Congratulations on Your 25th Anniversary & Thank You
for Being a Great Role Model
for All of Us in these
25 Fantastic Years.

Kirk Wang

2012 Hilton Head

Congratulations from Kirk Wang
The night before our final Arpa-E project review meeting in MIT. It was in a classroom in the famous Building 20 of MIT if I remember correctly. Dr. Allen arrived that night, treated us to dinner, and then we worked together to get the final slides ready for the second-day morning meeting. That was close to midnight and everyone was so sleepy.

Thank you for being the most amazing advisor that I could ever imagine. Thank you for believing in me when I knew nothing about MEMS. You have always been a knowledgeable, supportive, patient, generous and kind advisor and friend. I can't imagine how hard it is to keep being involved in advising students, doing research while taking so many other roles at the same time. But I never felt that you are unreachable when I needed help from you. Five years in the group as a PhD student, when I look back, I have a smile on my face. I love my current job working on the 3D NAND flash, and that wouldn't be possible without your help and guidance. So I would like to say, thank you, thank you, and thank you, Dr Allen! I'm sorry that I couldn't make it to the anniversary this time. I hope we can have a MSMA Alumni gathering sometime in the west coast soon! Oh oh, there is also a mystery about our group that I have never understood: everyone is always working so hard without anyone telling them to do so! -Shannon Yu
MY JOURNEY

Congratulations to your starting the new epic in UPenn, and the 25th anniversary of MSMA group. The 5 years that I spend in MSMA group is the most memorable time in my life: I really appreciate that I get the opportunity to have you, such a knowledgeable scholar and caring mentor, as my advisor; and everyone that I have been working with in MSMA group are so helpful and friendly in every aspect. When you told us that you were leaving Gatech to UPenn to start the new epic, you said because "I want more challenge" and "I am too young to live comfortable", that really inspire me a lot. This spirit of taking challenge and never stop improving will continue inspire me in my future career. Even countless thanks are not enough to express my gratitude. I truly wish MSMA group a bright future and have alumni all over the world.

Mandy
This is Home

Like branches on a tree,
we may grow in different directions,
but our roots remain as one.
Remember When...

We group partied in Atlanta (bar on the 10th St. and ABC)?
We Love Conferences because of the talks and the drinks! Always Dr. Allen’s treats...
THE WELCOME GATHERING
Beijing, January, 2010
EXPLORING THE AREA
C. Ahn was talking about his first Florida road trip in his college days with Bruno and Bizhan to attend MEMS conference in 1993. He said Bizhan disappeared in the whichever rest area they stopped. Do you know why?

MA was talking about dangerous ether based Al plating process Bruno et al. used. He adds probably somewhere in the lab we may have still those chemicals. Scary!

YK was talking about the photo reduction process: Oops, someone forgot to close the emulsion box during exposure!
In the limo taking us to Soprano Café, South beach. In front of the limo: (from the left) Todd Kaiser, YK Yoon, Bill Taylor, Jae Park, Mark Allen, Sharon Wu, David Arnold, JB Lee, Chong Ahn. Very long white limo!
MSMA 20th Reunion