



A. JAMES CLARK
SCHOOL OF ENGINEERING

*Silver Terps
Reunion*

Celebrating the Classes of
1996 to 1981

David Bader

Ph.D. 1996 Electrical and Computer Engineering



David A. Bader is a Distinguished Professor and founder of the Department of Data Science and inaugural Director of the Institute for Data Science at New Jersey Institute of Technology. Prior to this, he served as founding Professor and Chair of the School of Computational Science and Engineering at Georgia Institute of Technology. Dr. Bader is a Fellow of the IEEE, AAAS, and SIAM, and a recipient of the IEEE Sidney Fernbach Award. He advises the White House, most recently on the National Strategic Computing Initiative and Future Advanced Computing Ecosystem. Bader is a leading expert in solving global grand challenges in science, engineering, computing, and data science. His interests are at the intersection of high-performance computing and real-world applications, including cybersecurity, massive-scale analytics, and computational genomics. Dr. Bader is Editor-in-Chief of the ACM Transactions on Parallel Computing and previously served as Editor-in-Chief of the IEEE Transactions on Parallel and Distributed Systems. In 2021, ROI-NJ recognized Bader on its inaugural list of technology influencers, and in 2012, Bader was the inaugural recipient of University of Maryland's Electrical and Computer Engineering Distinguished Alumni Award. In 1998, Bader built the first Linux supercomputer that led to a high-performance computing (HPC) revolution.



Maurice Boissiere
B.S. 1989 Electrical Engineering



Maurice started his career at Texas Instruments and is now a seed-stage startup investor after numerous attempts at entrepreneurship. He is also an adjunct professor at the Smith School of Business at UMD when he enjoys passing on the lessons of entrepreneurship to today's young Terps. #Terp4Life

David Brown
B.S. 1986 Mechanical Engineering

David M. Brown, founder of Tri-Tech Energy Services, Inc., has been involved in the training of operators and maintenance technicians at power plants, industrial facilities, and infrastructure for the past 35 years. He has taught thousands of personnel worldwide and is recognized as an industry expert in Training for Adult Learners in a Technical Field.

Majid Faani
Ph.D. 1997 Mechanical Engineering

Hillel Glazer

B.S. 1990 Aerospace Engineering

After graduation, Hillel joined NAVAIR as a manufacturing engineer which took him all over the world to learn how aircraft systems were designed and built to DOD specifications--the good and the bad. Along the way Hillel earned an M.S. in Technology Management from (then) UMUC. He then took the best of what he learned about product development discipline, leadership, and management into the software and IT world where coherence in the product development process was sorely lacking in the 90's (and still is). There, he built a career out of helping companies of all sizes and industries achieve better business results through better product development and organizational processes. Leveraging the systems engineering he learned at UMD, he's been applying these same concepts to help companies become high performance operations across industries and markets. His career also includes work at Booz-Allen, EDS, a dot-com, and he's currently a mentor at an incubator as well as a professor of engineering management in the graduate program at UMBC. When not working or parenting his four amazing kids with his wife, he enjoys rescuing dogs and cats by piloting the family's small piston plane around the east coast.

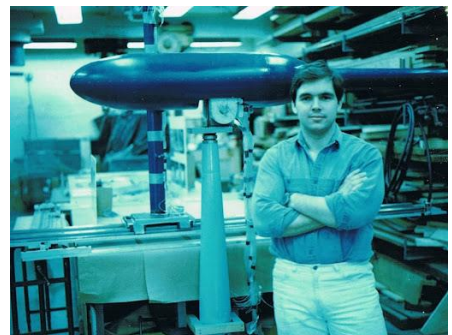
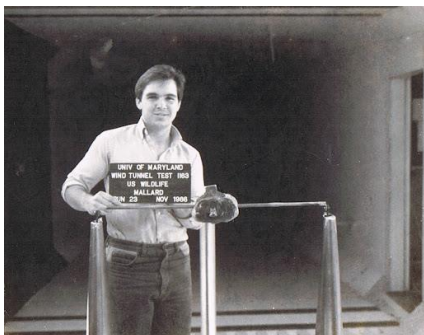


Dan Graham

B.S. 1989 Aerospace Engineering



Carroll “Dan” Graham, PMP, MEM, SSBB is managing director of MPS Consulting Group LLC. He is an independent management consultant, specializing in the professional services sector, with over 20 years’ experience. As an undergraduate Aerospace Engineering student at the University of Maryland, Dan was fortunate to work at the Glenn L Martin Wind Tunnel from 1985-1989. After graduation Dan served seven years in the US Army where he was trained as a Medical Laboratory Officer and obtained a master’s in Engineering Management. A few years after leaving the military, Dan started his own business. He has worked primarily as an independent contractor and consultant in the medical device industry for over a dozen Fortune 500 companies. In the industry Dan is considered a Subject Matter Expert in the designing and manufacturing of medical devices within a global regulatory environment. Over the years Dan has been credited for improving the quality of many medical devices. Positions held throughout the years include Program manager, quality engineering manager, senior design engineer, senior quality engineer, and senior manufacturing engineer. Dan is currently working on the adoption of the new Cybersecurity Regulations being driven by FDA and other agencies throughout the world.



James Kaidy
B.S. 1982 Aerospace Engineering



Jim went on to work at NASA Johnson Space Center after graduating with an Aerospace Engineering degree in 1982 from UMD. He worked on the Space Shuttle Program for four years, then went on to work on Space Station Level II, and then to NASA Goddard on the LEO and GEO spacecraft. He moved into

planetary spacecraft development at JHU/APL working on MESSENGER and New Horizons. Jim then began his journey to developing robotic lunar lander missions in 2007 at APL, then continued that with Moon Express and is currently leading the GN&C for the FireFly Blue Ghost CLPS mission, scheduled for launch in 2023.



Tosh Keune
B.S. 1982 Aerospace Engineering

After graduation, Mr. Keune worked for Landsat Operations at Goddard. He did not enjoy the 24/7/365 Ops and moved to NAVAIR (Aircrew Trainers) and SPAWAR (OTH Sensors) until 1994, the last couple years of which were involved in an early COTS insurgency. Mr. Keune worked on an F-22 SA Demonstration before joining Orbital Sciences as Flight Software and Mission Systems. The FSW Systems Mr. Keune architected have been built into 40+ satellites. Mr. Keune worked on LEO (remote sensors), GEO (STAR-2), Deep Space, and Human Spaceflight (Cygnus). He was laid off in 2013.

After 22 years, he returned to NAVSEA to see how his insurgency worked out - it is now standard. He ghost wrote a letter to SECNAV asserting our PEO's devotion to COTS and Open Systems Software. He served as the Principal Lead Systems Engineer supporting the Chief Systems Engineer for NAVY above water sensors (SEWIP etc). Today, he is the Subsystem Verification Lead for the OSAM-1 Ground System and emerging as the T&C Dev Lead for this Ground System. In 2020, he was an SAIC Research Fellow working on a concept for Reentry Vehicle Thermal control currently in final steps of being patented.

Shams Khatri
M.S. 1986 Mechanical Engineering

Gregory Lyons
B.S. 1986 Electrical Engineering
M.S. 1988 Electrical Engineering

Gregory Lyons graduated from Harvard Law School. He subsequently worked at Wiley Rein LLP in DC as a patent litigator for 23+ years (the last 16 as a Partner) before starting his own practice where he currently advises clients on a host of patent and technology issues.



Tima McGuthry-Banks
B.S. 1992 Chemical Engineering



Tima McGuthry-Banks worked as a high school Chemistry teacher before and during graduate school for her M.S. in Chemical Engineering. She spent her career at the U.S. Patent and Trademark Office as a Patent Examiner starting in 1992, taking a 5-year break to stay home with her young children. Without planning or

knowledge of the impending mandatory evacuation, she began working in the USPTO Telework Program Office in March 2020 as a Program Manager and is now a Telework Program Specialist. Her and her husband, Derris are proud parents of Marine Corporal Renee Banks-Jackson (University of Lynchburg, 2019 B.A. in Instrumental Music) and Kerrington Banks (North Carolina A&T State University, 2021 B.S. in Arch Engineering).



Joe Muscara
B.S. 1990 Mechanical Engineering

Joe Muscara graduated with a bachelor's degree in Mechanical Engineering in 1990. After doing the Methanol Challenge as an undergraduate, he got what he thought would be his dream job with General Motors AC Rochester Division in Flint, Michigan. He worked there for two and a half years developing engine management systems for VAZ, Russia's automaker. He then moved to Texas and worked for a company making big trucks for the Army. Joe earned his master's degree in Environmental Engineering from University of Houston, and soon after worked in software for a few years. Now, he is primarily a musician but he still does some technical engineering things. Joe will always be a mechanical engineer at heart.



Rene Neville
B.S. 1983 Electrical Engineering

Mr. Neville joined the U.S. Air Force in 1968, and retired in 1988 after 20 years. He served in numerous leadership roles in the Air Force: Crew Chief, Flight Line Chief, Branch Chief, and Resource Advisor and funds manager. He has also served as Division Manager with ARINC Engineering Services, LLC, where he worked with Special Operations Command. Mr. Neville managed teams of professional logisticians and engineers and managed contracts with financial responsibility in excess of 500 million dollars. He retired from ARINC after 18 years in December, 2006. He was the owner of the Olympia Family Fun Center, the skating rink in Macon, from 2006 to 2017. He retired again in 2017. He has been a member of the 100 Black Men of America and the 100 Black Men of Macon-Middle Georgia since 2009. He is the Chairperson for the Middle Georgia Regional College & Career Fest, a member of the Business Education Partnership Committee, a member of the PBIS Leadership Team for Macon-Bibb, a father of 3, a grandfather of 14 and a great grandfather of 7.



Scott Schmidt

B.S. 1987 Mechanical Engineering



Scott A. Schmidt is the Vice President responsible for vehicle safety and regulatory affairs at the Alliance for Automotive Innovation (Auto Innovators) where he oversees policy development relating to vehicle safety performance, driver distraction, advanced technologies for traffic safety, electric vehicle/battery safety, vehicle acoustical sound, as well as international harmonization of regulatory requirements. Scott joined Auto Innovators in 2020 transitioning from 20 years at the Alliance of Automobile Manufacturers. He received his B.S. in Mechanical Engineering in 1987 from the University of Maryland where he started his involvement in automotive engineering through participation in SAE student vehicle design competitions and student research into ATV rollover and tire testing. Since then, he has held automotive engineering positions encompassing regulatory (NHTSA), vehicle testing (IIHS), alternative fuels (EA Engineering), military vehicles (VSE), regulatory compliance (Land Rover) and his current passion, automotive safety.

Daniel Scott

B.S. 1985 Aerospace Engineering

Andrea Stenberg

B.S. 1991 Mechanical Engineering

Bryan St. George
B.S. 1998 Aerospace Engineering

Throughout the nearly 25 years since graduating from UMCP, Bryan St. George has managed many projects throughout the DoD industry, ranging in scope from Information Systems to entire aircraft systems. He has managed projects throughout the USA, as well as internationally.

He is also a husband, and father to two teenage boys.



Natalie Tingle-Stewart
B.S. 1991 Mechanical Engineering



John Welling
B.S. 1986 Fire Protection Engineering



John Welling worked at NASA, Johnson Space Center, Amtrak, Princeton University Plasma Physics Laboratory, and recently retired after over 29 years as Director, EHS and Emergency Services at Bristol Myers Squibb. John is a registered professional engineer in Delaware and New Jersey, and holds numerous multi-state certifications in EHS, training, fire prevention and emergency response. John is a Planning Manager with NJ-TF1, New Jersey's FEMA Urban Search and Rescue team having been

deployed to many catastrophic events in our country. John is honored to have served on many national efforts including Chairperson, NFPA 1620 Pre-Incident Planning Committee and most recently having represented New Jersey at the IAFC Summit to develop a footprint for the future of the volunteer fire service. John is currently consulting with Fire Planning Associates as Chief Fire Protection Engineer.



Congratulations!

The A. James Clark School of Engineering
congratulates all of our Silver Terps on this milestone anniversary!

To learn more about the Engineering Alumni Network,
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