

Mark Adams received his Ph.D. in High Energy Physics from the State University of New York at Stony Brook in 1981. After 4 years of postdoctoral work with another Stony Brook group at Fermilab, he joined the University of Illinois at Chicago in 1985. He has worked with developing the central fiber tracker, central preshower, and silicon tracker detectors for the upgraded D0 experiment. In addition, he has constructed optical connectors, readout path, and trigger electronics for the hadron calorimeters in the CMS collaboration at CERN. Mark also joined a dozen high school physics teachers for two summers, building cosmic ray detectors for use in their classrooms, measured the rate of cosmic rays from exploding stars, measured the muon's lifetime and even did an experiment on the roof of the Sears Tower to demonstrate that time is relative. Check out their ongoing [muon lifetime experiment](#).  
--Taken from <http://tigger.uic.edu/~adams/>

Dr. Tom Greene has been a member of the Research Staff of the Laboratory for 18 years. The new role of CSAIL Outreach Officer is his present assignment. Concerning this new role, the need for research laboratories to reach out to non-traditional communities is becoming more important. Research is funded by all members of society and should be knowledgeably endorsed by them. The benefits that research creates should be understood by a very wide public. Recent changes in awards by funding agencies (NSF, DARPA, NASA, NIH) reflect an increased awareness of the goal of research having Broader Impact on society. Reaching out with information will have several benefits to the lab, including recruiting, increased funding opportunities, and is in keeping with the MIT tradition of good organizational citizenship. Outreach with information about the lab and the research that better suited to a wide audience including k-12 and the public at large is the thrust of activity.

In the fall of 2003 he returned to Cambridge after completing 3 years as a program officer at the [National Science Foundation, \(NSF\)](#). At MIT-LCS he had managed a variety of projects including as Information Officer, the logistics of LCS35. Other projects included working with Tim Berners-Lee, in helping establish the [World Wide Web Consortium \(W3C\)](#) at LCS, during the period of building both the consortium membership base and the world wide team. Prior to that he managed the MIT-LCS Project SCOUT focused on research use of a 128 node CM5 super computer. This project concerned collaborations amongst LCS and other scientists at MIT, Harvard and Boston University. His first LCS assignment in 1987 was managing the computer resources team supporting the LCS Research Groups where the challenge was making the equipment transition from the age of time-sharing machines to the period of distributed desktops.

Tom has been a visiting Scientist at Stanford University (1981), IBM Cambridge Scientific Center (1985) and the NASA Manned Spacecraft Center- Houston (1970). He has served as a consultant with the United Nations ( [UNIDO](#)). He is an active member of the [IEEE](#), the [ACM](#) and [Sigma Xi](#). Before joining LCS, Greene was a Professor of Computer Science at the University of Petroleum & Minerals in Dhahran, Saudi Arabia, where he had established the Department of Computer Science (1975-86). Greene

completed his PhD in Theoretical Physics at the [University of Toledo in 1973](#). He later earned a Ed.M from [Harvard University in 1990](#). His early studies with a dual major in Physics and Philosophy at [Boston College \(1966\)](#) resulted in award of the B.Sc.

–Taken from <http://mit.edu/tjg/www/>

David Jones has been a Physics teacher in Miami Dade Public Schools since 1988. He has taught AP Physics and Physics at Miami Sunset Senior High, Miami Varela Senior High, and currently, at Miami Palmetto Senior High. Other activities he has been involved with include:

- ⌚ 18 years teaching HS physics in Miami
- ⌚ AP Physics B and C and honors physics at Miami Palmetto
- ⌚ HS physics education professional development in modern physics
  - i) TRAC program at Princeton Plasma Physics Lab – 1992
  - ii) Quarknet program -2003 , 2004 FIU
- ⌚ AP Physics Reader for 8 years
- ⌚ College Board AP Physics Consultant for Southern US....runs workshops for AP Teachers in the state of Florida.
- ⌚ National Board Certified – Physics
- ⌚ Consultant for PASCO Scientific
- ⌚ Member of FIU – Physics/Education/Computer Grant’s CHEPREO Steering Committee
- ⌚ High school Soccer coach for 18 years
- ⌚ Alumni Admissions Representative – University of Rochester

Dr. Brian Meadows is a professor at the University of Cincinnati’s Department of Physics in Cincinnati, Ohio. He received his PhD in Physics from Oxford University in 1966. He has taught several courses in experimental particle physics, including Thermodynamics and Statistical Mechanics, Physics of Sound and Music, Relativity, and Electromagnetism. He has written several publications, some of which he has submitted to various International Conferences on High Energy Physics.

--Taken from <http://www.physics.uc.edu/~brian/>