



**James O'Brien**  
**Candidate for Director at Large**

Serving as SIGGRAPH Director at Large will allow me to give back to the organization that has been an important part of my professional life for seventeen years. Since 1994 I have been a regular participant in SIGGRAPH programs, and successes in my career can be directly attributed to the privilege of publishing in a high quality venue known and respected across many fields. I have volunteered by reviewing, serving on the papers and courses committees, and chairing smaller conferences.

As a member of the SIGGRAPH Executive Committee, I plan to develop strategies that encourage membership participation. I am particularly interested in programs to encourage increased membership of students and other junior members of our community. Falling participation by this demographic hurts the future viability of SIGGRAPH as a vibrant and diverse organization. We need to increase awareness that there is more to ACM SIGGRAPH than just a great conference.

The ACM Digital Library has been a great success, but the move to digital publishing has created conflicts between ACM and member interests. ACM and SIGGRAPH are fundamentally member service organizations and I believe that through thoughtful and progressive copyright policies we can better align organization and member needs. Successful copyright policy has to work across formats, and SIGGRAPH is unique among ACM SIGs in that member-generated content spans a diverse range encompassing text, images, and video. Other organizations have embraced Open Access initiatives, but SIGGRAPH and ACM should be leading the way in this area.

I think my experience makes me well qualified for this task and I ask for your support to help shape the future of our organization.

## **BIOGRAPHY**

### **Research Interests**

Computer animation, physical simulation, surface modeling, human perception, computational geometry, image processing, scientific computing, and other stuff.

### **SIGGRAPH Participation**

Conference participant 1994-2010  
Paper contributor 1996, 1999-2009  
CAF/ET contributor 1995,1996,2000-2002,2004-2007  
Course organizer/presenter 1995, 2002,2003, 2005  
Papers Committee member 2003, 2004, 2007  
Courses Committee member 2005  
Sketches contributor 1994, 1997, 2001-2006  
Papers reviewer 1995-2010  
Paper's Chair ACM SIGGRAPH/Eurographics Symposium on Computer Animation, 2007  
Steering Committee ACM SIGGRAPH/Eurographics Symposium on Computer Animation, 2006-2010

### **Honors and Awards**

ACM Distinguished Scientist, 2009  
Jim and Donna Gray Endowment Award for Excellence in Undergraduate Teaching, 2008  
U.C. Presidential Chair Fellow, 2008  
Fifteen Year Impact Award, GVI Center, Georgia Institute of Technology, 2007  
College of Engineering Distinguished Alumni, Florida International University, 2006  
Alfred P. Sloan Fellow, 2004  
Technology Review's TR-100, 2004  
Hellman Fellow, 2004  
Okawa Fellow 2000

### **Education**

Doctor of Philosophy in Computer Science, Georgia Institute of Technology, 2000  
Master of Science in Computer Science, Georgia Institute of Technology, 1997  
Bachelor of Science in Computer Science, Florida International University, 1992