Candidate for Executive Committee

Anthony Ruocco  
Roger Williams University, Bristol, RI, USA

**BIOGRAPHY**

**Academic Background:**  
Doctorate, George Mason University, 1996, Computer Science.

**Professional Experience:**  
Professor of Computer Science, Roger Williams University, Bristol, RI, 2002 – Present;  
Associate Professor, US Military Academy, West Point, NY, 1996 – 2002;  

**Professional Interest:**  
Computer Science Undergraduate Education; Software Engineering; Technology and Society;  
Algorithms Computer Science Accreditation.

**ACM Activities:**  
Member, Various SIGs, 2002 – Present.

**Membership and Offices in Related Organizations:**  
Treasurer, Providence Section IEEE Computer Science Society, 2016 – Present;  
President, RI Section Association of Civil Engineers, 2011 – 2012.

**STATEMENT**

Computers are all pervasive. We chat around the globe as easily as to the next cubicle. We can chat with one person or a million at once. Actions previously considered as poor-judgement often become the basis of social media worthy challenges. Youthful indiscretions are preserved and may arise later, sometimes with detrimental effects. Consumer technologies appear and are replaced so quickly that it is difficult to differentiate between better or simply newer devices. Technologies used by government agencies are making the line between security and privacy more blurry each day. Surveillance is often considered in hind-sight as “why weren’t actions taken to prevent” an incident. Informal recordings of bystanders can sometime enhance the cause of justice, or hinder it. As computer professionals we are on the forefront of these technologies. SIGCAS allows us to be at the forefront of helping to understand the impact these same technologies will have on society. SIGCAS needs to help educate developers to consider societal issues of new development. But SIGCAS’ role needs to be much broader than that. SIGCAS needs to educate all users so they can make informed decisions concerning the technologies they encounter every day.
Candidate for Executive Committee

Tessa Joseph-Nicholas
University of North Carolina (UNC)-Chapel Hill, Chapel Hill, NC, USA

BIOGRAPHY

Academic Background:

Professional Experience:
Senior Lecturer, Director of Digital Arts & Humanities Projects, Department of Computer Science, UNC-Chapel Hill, Chapel Hill, NC, 2008 – Present;
Teaching Fellow, Department of English & Comparative Literature, UNC-Chapel Hill, Chapel Hill, NC, 2001 – 2007;
Senior Editor, Research Square, American Journal Experts, Durham, NC, 2011 – 2015.

Professional Interest:
Digital arts & humanities; Instructional technology/digital literacy pedagogy; History of computing & the Internet; Data science & data science pedagogy; Creativity & intellectual property in the digital age.

Membership and Offices in Related Organizations:
Core Steering Committee Member, Carolina Digital Humanities Initiative, UNC-Chapel Hill, 2015 – Present;
Diversity Liaison & Co-Associate Chair of Diversity, Dept. of Computer Science, UNC-Chapel Hill, 2012 – Present;
Co-Founder & Co-Chair, Computational Arts & Performance Group, UNC-Chapel Hill, 2015 – Present.

Awards Received:
The William and Ida Friday Center Excellence in Teaching Award, 2014;
Institute of Arts & Humanities (IAH) Innovation Grant, UNC-Chapel Hill, 2011;
Digital Innovation Lab/IAH Faculty Fellowship, UNC-Chapel Hill, 2013;
Doris Betts Award, Excellence in Teaching Rhetoric/Composition, UNC-Chapel Hill, 2006.

STATEMENT

The relationship between computing and culture has been both the subject and location of my scholarship and teaching for nearly a decade. Employment an e-learning startup before the dot-com bust and four years writing a dissertation on the influence of hypertext and the Internet on notions of "the avant-garde" have tugged me across the imaginary line between Computer Science (CS) and the arts and humanities and convinced me that the study of digital culture is not only
compelling but essential to a well-rounded curriculum. Since 2008, I’ve been fortunate enough to hold a faculty position that allows me to teach and conduct research from a range of perspectives. My courses address the history of computing and the Internet, digital-age ethics, digital culture, computing in science fiction, and web development, and I promote interdisciplinary, inventive methods and collaborations across campus as the Department’s Director of Digital Arts and Humanities Projects and in other arenas. I am also deeply committed to, and actively involved in, fostering diversity and inclusion in CS and across campus. I am grateful for the opportunity to put my perspective, experience, and enthusiasm to work for SIGCAS.
Candidate for Executive Committee

Samuel A. Rebelsky
Grinnell College, Grinnell, IA, USA

BIOGRAPHY

Academic Background:
Ph.D., University of Chicago, 1993, Computer Science.

Professional Experience:
Department Chair, Department of Computer Science, Grinnell College, Grinnell, IA, 2014 – Present;
Professor, Grinnell College, Grinnell, IA, 2009 – Present;
Division Chair, Grinnell College Science Division, Grinnell, IA, 2006 – 2008.

Professional Interest:
Computer Science Education; Computers and Society; Computing and the Arts; Functional Programming; Free and Open-Source Software.

ACM Activities:
Information Co-Director, SIGCSE, 2014 – Present;
Associate Program Committee, SIGCSE Symposium (2014, 15, 16, 17), SIGCSE, 2013 – 2017;

Membership and Offices in Related Organizations:
Life Member, Computer Professionals for Social Responsibility, 1999 – Present;
Member, IEEE Computer Society, 1999 – Present;

Awards Received:
ACM Senior Member, 2013.

STATEMENT

Given the myriad ways in which technology impacts the world, computing professionals must assess and speak out about technology's potential benefits and dangers. As one of ACM's key voices on these issues, SIGCAS holds an important and difficult position: important, not only because we represent the world's largest computing society but also because we consider a broad range of issues; difficult -- as we saw in the discussion of Edward Snowden's nomination for the 2013 Making a Difference award -- not only because we do not always agree, but also because our actions can significantly affect the broader ACM membership.
As an educator and long-term SIGCAS member, I strive to help students, faculty, administrators, and community members understand the impacts of the technologies we build and use. My efforts go beyond CS; I chaired Grinnell's program in Technology Studies and regularly taught that program's core course.

The SIGCAS Executive Committee can strengthen the SIGCAS membership's voice. While SIGCAS has particularly strong representation among computer science educators, we should increase our outreach to both students and professionals. We can broaden our impact by collaborating in new ways with other organizations that share our goals.
Candidate for Executive Committee

Robert E. Beck
Villanova University, Villanova, PA, USA

BIOGRAPHY

Academic Background:

Professional Experience:
Professor, Computing Sciences, Villanova University, Villanova, PA, 1978 – Present;
Chair, Department of Computing Sciences, Villanova University, Villanova, PA, 1992 – 2013;

Professional Interest:
Computing for the social good; Persuasive human computer interaction; Models for systems of systems; ICTD and corporate social responsibility.

ACM Activities:
Symposium coordinator, SIGCSE, 1999 – Present;
Representative to Preparing Future Faculty, SIGCSE, 2000 – 2004;
Representative to SISL (Sustainability Improves Student Learning), SIGCSE, 2011 – 2014.

Membership and Offices in Related Organizations:
Co-Chair, NCWIT Academic Alliance, 2015 – Present;
Program Evaluator, ABET, 1987 – Present;
Co-Coordinator, Philadelphia Area Aspirations Awards, NCWIT, 2012 – Present.

Awards Received:
NCWIT Undergraduate Research Mentor, 2014.

STATEMENT

Though the recovery process for SIGCAS is not yet complete, the organization has made great strides toward becoming the focus of work on computing and social responsibility, computing ethics, and the broader impacts of computing as it invades every corner of our lives. I am honored to be asked to stand for election to the Executive Committee to help continue the exciting work of the current leadership.

If elected, I will contribute my years of experience with event planning and program development to the EC. I have been involved with several of the threads of interest to SIGCAS for over 35 years, dating back to the time I developed a course on Computers and Society for our liberal arts majors.
More recently I led a NSF-funded project on computing in context. This work has evolved to include collaborations with colleagues in New Zealand, Zambia, and England as we investigate computing for the social good.

SIGCAS should be the organization within ACM that promotes research, publication, and education on the interaction between computers and society. As an EC member, I will work to establish effective, on-going collaborations with other SIGs to achieve this goal.
Candidate for Executive Committee

Randy Warren Connolly
Mount Royal University, Calgary, Canada

BIOGRAPHY

Academic Background:
MA, York University, 1991, Political Science.

Professional Experience:
Professor, Mathematics and Computing, Mount Royal University, Calgary, Canada, 1997 – Present;

Professional Interest:
Web Development; Social Consequences of ICT; Computer Education; Cultural and Art History.

ACM Activities:
Communications Director, SIGITE, 2012 – 2015;
Conference Chair for SIGITE/RIIT Conference, Calgary, SIGITE, 2012;
Program Chair for SIGITE Conference, New York, SIGITE, 2011.

Membership and Offices in Related Organizations:
Editorial Board, ACM Transactions on Computing Education, 2013 – Present;

Awards Received:
Canadian Education and Research Institute for Counselling Award, 2015;
Best Paper, ITiCSE Conference, 2011;
Best Paper, SIGITE Conference, 2010;
Meritorious Writing Award, ISECON Conference, 2004.

STATEMENT

I am a Professor of Computing at Mount Royal University in Calgary, Canada and also teach in our General Education department. My teaching specialties are web application development, technology and society studies, and cultural history. My research has oscillated between my two academic backgrounds of computing and political philosophy. My main research areas include the teaching of web development (my textbook in this area is used at over 100 universities worldwide), the general pedagogy of computing education, and the social effects of computing (I have several papers in this area in both computing and philosophy journals).
I have experience serving on ACM boards. From 2012-2015, I served as the Communications Director on the SIGITE Board, and was responsible for redesigning and editing both the newsletter and organization’s website. I am also on the editorial boards for ACM Inroads and ACM Transactions on Computing Education. I have ACM conference experience as both Program Chair and Conference Chair.

If elected, my main goal would be to expand the visibility of SIGCAS within the ACM community, as well as improve connections with related non-ACM organizations and conferences such as ETHICOMP that share an interest in the social consequences of computing.
Candidate for Executive Committee

Karla Carter
Bellevue University, Bellevue, NE, USA

BIOGRAPHY

Academic Background:
Master of Arts, University of Nebraska-Lincoln, 1990, History.

Professional Experience:
Associate Professor, Bellevue University, Bellevue, NE, 2006 – Present;
Founder/Consultant, Geekesses dot Net, Lincoln, NE, 1995 – Present;

Professional Interest:
Societal Implications of Computing Technology; Ethics of Algorithmic Decision Making;
Data Privacy; Cybersecurity Social Engineering; Computer Science Education.

ACM Activities:
Vice Chair/Executive Board, Computers and Society (SIGCAS), 2014 – Present;
Member, Committee on Professional Ethics (COPE), 2016 – Present;
Member, Computers and Society (SIGCAS), 2011 – Present;
Member, Computer Science Education (SIGCSE), 2012 – Present.

Membership and Offices in Related Organizations:
Member, IEEE, 2010 – Present;
Member, IEEE Society on Social Implications of Technology (SSIT), 2010 – Present;
Member, Society for Philosophy and Technology, 2010 – Present.

STATEMENT

In the nearly three years that I have served on the current SIGCAS Executive Board as
Vice-Chair I have endeavored to raise awareness of our cause – to influence the future of
technology and take an active role in shaping discussions about the intersection of computers
and society – particularly through our active @ACMSIGCAS Twitter account, but also through
assisting with our annual pre-symposium events at SIGCSE, and taking care of technical details
like the mailing lists and web site. I also serve on ACM’s Committee on Professional Ethics
(COPE). I teach undergraduate and graduate information technology ethics courses – but my
students will tell you they cannot escape ethics in any of my courses!

ACM SIGCAS makes the world a better place by directing our focus to the human side of
computing technology, making sure that people are aware of all the consequences, positive and
negative, of computing technology. Three years ago when I ran for the SIGCAS Executive Board I promised to bring my passion to the position. If re-elected to the SIGCAS Executive Board I will continue to be an active and passionate worker.