

Date: October 17, 2005

From: Nominating Committee of the IEEE Education Society:  
David Kerns, Chair (Junior Past President)  
Ted Batchman  
Manuel Castro  
Pat Daniels  
Marion Hagler

To: Members of the Administrative Committee of the IEEE Education Society

Re: Election of Officers and members-at-large of the Administrative Committee

In accordance with its responsibilities specified in the Constitution and Bylaws, the Nominating Committee places the following names in nomination for the indicated positions:

<b>President:</b>	<b>Dan Litynski</b> , Western Michigan Univ. NSF, USA
<b>Vice President:</b>	<b>Joe Hughes</b> , Georgia Institute of Technology, USA
<b>Secretary:</b>	<b>John Orr</b> , Worcester Polytechnic Institute USA
<b>Treasurer:</b>	<b>James (Jim) J. Sluss, Jr.</b> , University of Oklahoma, USA

**Member at Large of the Administrative Committee** (elect 4 for terms expiring in 2008; 1 replacement for John Orr, term expiring in 2006):

**Melany M. Ciampi**, Council of Researchers in Education and Sciences (COPEC), Brazil  
**Victor P. Nelson**, Auburn University, Alabama, USA  
**Wayne Johnson**, Hewlett-Packard, USA  
**Russell Meier**, Milwaukee School of Engineering, USA  
**Jean-Pierre Steger**, University of Applied Sciences (UASc) Berne, Switzerland  
**Jacek M. Zurada**, University of Louisville, Kentucky, USA

Each person has agreed to be nominated, has been informed that the Education Society does not pay travel expenses for members of its Administrative Committee to attend the meetings, and has confirmed:

1. Membership in the IEEE Education Society,
2. Commitment to timely execution of the responsibilities of the office during the term, and
3. Participation in at least one of the two meetings of the Administrative Committee each year.

## Photos and Short Biographies Based on Information Supplied by the Nominees or from Their Websites

### Nominee for President:



**Dan Litynski** is currently serving at the National Science Foundation after five years of distinguished service as Dean of Engineering and Applied Sciences, Provost and Vice President for Academic Affairs, and Interim President at Western Michigan University (WMU). WMU is a national Doctoral Research Extensive University with almost 30,000 students and over 270 programs spanning eight sites across Western Michigan. Major initiatives included strategic planning, implementation, and reorganization at university and college level, and the planning and implementation of a new 270 acre, over \$100 million, engineering campus collocated with a Business Technology and Research Park.

Brigadier General (retired) Dan Litynski served for nine years as Head of Electrical Engineering and Computer Science at West Point before joining WMU in July 1999. Teaching, research, and educational innovations in physics, optics, electrical engineering and computer science are included in numerous publications, awards, and a patent. Education includes B.S., Ph.D. (Physics - Rensselaer Polytechnic Institute) and M.S. (Optics - University of Rochester) degrees. National service education includes the Army Command and General Staff College, and the Industrial College of the Armed Forces of the National Defense University in Washington, D.C. Military awards and decorations include the Distinguished Service Medal and Bronze Star. Has been appointed to six honor societies, is a member of seven professional societies, and has several professional honors and awards. Senior member of the Institute of Electrical and Electronics Engineers (IEEE). Service to IEEE Education Society includes a term as President, Vice President, Awards Committee Chair, Administrative Committee Member, Membership Committee Chair, Conference co-chair FIE 2001, and Program Committee Co-Chair IGIP/IEEE-ES/ASEE 2004,

### Nominee for Vice President:



**Joseph L. A. Hughes** received the BSEE degree in 1979 from the Illinois Institute of Technology and the MSEE and PhD degrees in 1980 and 1986, respectively, from Stanford University. He joined the Georgia Tech faculty in the School of Electrical and Computer Engineering, where he is currently Professor and Associate Chair for Academic Operations. He has been a leader in the development of Georgia Tech's computer engineering programs, including the Georgia Tech Regional Engineering Program (GTREP) in southeast Georgia. His technical research interests include integrated circuit

design and testing, optical communications networks, and concurrent engineering. He is actively involved and nationally and internationally recognized for his work in engineering program development, assessment, and accreditation. He also has served as a consultant on such issues for both U.S. and international institutions. He served the IEEE Education Society as an at-large member of the AdCom in 2001 and 2002, as Secretary in 2003 and 2004, and as Vice-President in 2005. He was Chair of the ECE Division of ASEE in 2001-02, following terms as Secretary/Treasurer and Vice-Chair/Program Chair. He was the General Chair for the 2004 Frontiers in Education Conference, held in Savannah, Georgia and hosted by Georgia Tech Savannah.

## Nominees for Secretary:



**John A. Orr** is Professor of Electrical and Computer Engineering at Worcester Polytechnic Institute. Dr. Orr joined WPI in 1977 and served as head of the ECE department from 1988 to 2003. He received the BS and PhD degrees in Electrical Engineering from the University of Illinois-Urbana-Champaign, and the MS degree in EE from Stanford University. He obtained professional experience at Bell Laboratories prior to joining WPI.

At WPI Dr. Orr's research interests span several aspects of digital signal processing. Recent work is in the area of positioning systems, particularly precision personnel location. His other professional interest is in the area of engineering education where he has been involved in curriculum development at both the undergraduate and graduate levels as well as in assessment and accreditation activities. He also co-authored a textbook in the area of information engineering.

Dr. Orr is a Fellow of the IEEE, awarded for his contributions to engineering education. Dr. Orr is an ABET Evaluator for Electrical Engineering, chair of the IEEE Committee on Engineering Accreditation Activities, member of the FIE Steering Committee, past member of the Educational Activities Board of the IEEE, and past president of the Electrical and Computer Engineering Department Heads' Association. He has served one term as Secretary of the IEEE Education Society.

## Nominees for Treasurer:



**James (Jim) J. Sluss, Jr.** is a Professor of Electrical and Computer Engineering at the University of Oklahoma. He served as Chair of the EdSoc's Finance Committee and has served on the Administrative Committee since 2000. He was Chair of the Benjamin J. Dasher Award Selection Committee for FIE 2002 and served as the EdSoc's representative on that committee for FIE 2003. He served as CD Supplement Editor for the IEEE Transactions on Education from 1999 to 2001. He has been an active paper reviewer for FIE over the last five years.

He received a B.S. in Physics in 1984 from Marshall University, and the M.S. and Ph.D. in Electrical Engineering in 1986 and 1989, respectively, from the University of Virginia. His current research and teaching interests are in the areas of optical communications, photonics, and intelligent transportation systems. He has been awarded seven U.S. patents, has authored/co-authored numerous journal and conference publications, and has been principal/co-principal investigator for over \$4M in sponsored research contracts. He is also a member of the IEEE ComSoc, the OSA, and the ASEE.

## Nominees for At-Large Member of the Administrative Committee:



**Melany M. Ciampi** is Vice-President of Council of Researches in Education and Sciences (COPEC), Vice-President of Brazilian Nucleus of Environmental Researches and Health (NBPAS), Vice-President of Fishing Museum Friends Society (AAMP) and Vice-President of (Brazilian) National Monitoring Committee of "Internationale Gesellschaft für Ingenieurpädagogik" (IGIP). She is Vice Chair of Working Group "Ingenieurpädagogik im Internationalen Kontext" in "Internationale Gesellschaft für Ingenieurpädagogik" (IGIP) and Council Member of "International Council for Engineering and Technology Education" (INTERTECH). She was Vice-President of Brazilian Chapter of Education Society of the Institute of Electrical and Electronics

Engineers, Inc (IEEE-EdSoc), Member of Administrative Committee of Education Society of the Institute of Electrical and Electronics Engineers, Inc (IEEE-EdSoc) in USA, State Councilor of SBPC - Brazilian Association for the Advancement of Science and Manager of International Relations of SENAC School of Engineering and Technology. She is Member of IGIP (International Society for Engineering Education), SEFI (European Society for Engineering Education), ASEE (American Society for Engineering Education) and INTERTECH (International Council for Engineering and Technology Education). She was the first woman non European who has received the title "International Engineering Educator" of IGIP. She has coordinated and has participated of dozens of organizing committees of events in Brazil and abroad like: the Exhibits Chair of ICECE'99 (International Conference on Engineering and Computer Education), the Publications Chair of ICECE'2000, the General Secretary of CBPA'2001 and CBPA'2002 (Brazilian Congress of Environmental Researches), the Technical Program Chair of INTERTECH'2002 (International Conference on Engineering and Technology Education), of ICECE'2003, of WCETE'2004 (World Congress on Engineering and Technology Education), of GCETE'2005 (Global Congress on Engineering and Technology Education), of WCCSETE'2006 (World Congress on Computer Science, Engineering and Technology Education); do GCM'2006 (Global Congress on Manufacturing and Management); of CBPAS'2003, CBPAS'2004 and CBPAS'2005 (Brazilian Congress of Environmental Researches and Health) and EHWC'2006 (Environmental and Health World Congress) and the International Chair of FIE'2003 (Frontiers in Education Annual Conference), FIE'2004, FIE'2005 and FIE'2006. She has completed one term on the AdCom of the IEEE Education Society.



**Victor P. Nelson** is Professor of Electrical & Computer Engineering at Auburn University. Dr. Nelson joined Auburn University as Assistant Professor of Electrical & Computer Engineering in 1978. His next appointment was in 1981 to Graduate Faculty. In 1982 he was promoted to Associate Professor and then in the fall of 2003, Dr. Nelson was promoted to Professor. He was granted tenure in September 1993. He also held the position of Interim Associate Dean for Assessment and the Freshman Computing Initiative from September 1999 – August 2000. Prior to Auburn University, Dr. Nelson was an instructor at the U.S. Naval Nuclear Power School in Bainbridge, Maryland from 1972 – 1975, as well as a Research Assistant with the Communication and Control systems Lab of the Ohio State University from 1976 – 1978. He received the MS and Ph. D. degrees in Electrical Engineering from Ohio State University and the BSEE degree in Electrical Engineering from the University of Kentucky. Dr. Nelson is a registered engineer, a member of IEEE Computer Society, the American Society for Engineering Education and the Association for Computing Machinery. He is also a member of Eta Kappa Nu and Pi Mu Epsilon. He has received numerous awards including the Walker Merit Teaching Award, College of Engineering in 2002. Dr. Nelson was selected by IEEE as an ABET Program Evaluator from 2002 – 2007. He has been awarded numerous Research and Instructional Support Grants. Dr. Nelson has been recognized for his published textbooks, journals and conference papers. He has completed one term on the AdCom of the IEEE Education Society.



**Wayne Johnson**, Hewlett-Packard, USA is responsible for Hewlett-Packard's higher education programs in research, marketing and sales, recruitment, continuing education, public affairs and philanthropy. He currently manages an organization of 23 Program Managers and administrative staff working across 74 universities worldwide.

Johnson joined HP in July, 2001, from Microsoft's University Relations department, where he managed Program Managers and administrative staff across a customer base of 50 tier-one universities. From 1967 to 2000, he held a variety of positions at the Raytheon Company, including National Sales Manager for Wireless Solutions, Manager of International Financing and Business Development, Manager of Administration and Strategic Planning for Raytheon's Research Division, and Manager of Program Development and Operations for Technical Services.

Johnson also serves as a board member of the Anita Borg Institute for Women and Technology (ABIWT), MentorNet (MN), NASA's Educational Advisory Committee, Corporate Foundation Alliance (CFA), Accreditation Board for Engineering and Technology (ABET) Industrial Advisory Board, the International Conference on Engineering Education (ICEE), and is a member of the Glion Colloquium. He was recently appointed to the board of Alliance for Science and Technology Research for America (ASTRA), and is a member of GUIRR (Government-University-Industrial, Research Roundtable).

Johnson received his B.A. in 1967 from Colgate University in Hamilton, New York, and his M.B.A. in 1971 from Boston College's Carroll School. He was an Adjunct Professor of Management at Boston University from 1977 to 1999.

Mr. Johnson has been a strong supporter of innovation in engineering education for many years. He has been instrumental in HP's support of the Terman Award and luncheon at the Frontiers in Education Conference and support for the Harriett Rigas Award. He has served a term on the AdCom the IEEE Education Society.



**Russell Meier** is presently serving as Associate Professor of Electrical Engineering and Computer Science at MSOE. He received a Ph.D. in Computer Engineering from Iowa State University in 1998. He also has a M.S. in Computer Engineering (1994) and a B.S. in Computer Engineering (1992), also from Iowa State University. Dr. Meier is a member of Phi Kappa Phi as well as a member of the IEEE Computer Society, the IEEE Education Society, and the ASEE –Division in Educational Research and Methods (ERM). He was the New Faculty Fellows Chair, Frontiers in Education in 2002 – 2003 as well as the Sloan Faculty Fellow, Frontiers in Education in 1997. He was also a member of the National Effective Teaching Institute in 1999. Dr. Meier served as a NSF Young Engineering Educator in 1997. His professional

interests include evolvable hardware and evolutionary computation, computer architecture, digital systems design and embedded systems. He has completed one term on the AdCom of the IEEE Education Society.



**Jean-Pierre Steger** is presently serving as professor in digital design at the School of Engineering and Information Technology (HTI), at the University of Applied Sciences (UASc) Berne, Switzerland. Jean-Pierre Steger is also assistant dean international contacts for HTI and project manager for the Bologna process at the University of Applied Sciences Berne, Switzerland. There, he occupied the positions of vice director (1991 to 2004) and department head of electrical engineering (1994 to 1991). He started teaching first at Lehrwerkstaetten Bern (1976 to 1981) before joining HTI in 1981. His industry experience includes 7 years (1969 to 1976) at Motorola Semiconductors Inc. in Zurich and headquarters Europe in Geneva. His responsibilities covered application engineering and microprocessor training Europe. After Jean-Pierre received his BSc from UASc in 1967, he moved to Vancouver, Canada as a research assistant at University of British Columbia (1967 to 1969). Here, he was involved in speech synthesis and speech recognition. From 1980 to 1994, Jean-Pierre was a part time editor at "Elektroniker", a Swiss magazine. In 1997 he obtained the Swiss certificate for didactic qualification in engineering education and in 2001 the IGIP certificate "Engineering Pedagogic Ing-Paed IGIP". Jean-Pierre is an IEEE member 04491668.



**Jacek M. Zurada** is S.T. Fife Alumni Professor of Electrical and Computer Engineering at the University of Louisville, Department Chair. He was a Visiting Professor at the National University of Singapore, Princeton, Northeastern, Auburn, and Swiss Federal Institute of Technology, Zurich. His specialization is neural networks, and microelectronic circuits for signal processing. Jacek has authored or co-authored over 280 papers in neural networks and VLSI circuits, wrote the 1992 PWS text *Introduction to Artificial Neural Systems*, co-edited the 1994 IEEE Press volume *Computational Intelligence: Imitating Life*, as well as *Knowledge-based Neurocomputing*, MIT Press, 2000. He is the 2004-05 President of IEEE Computational Intelligence Society, 2005 TAB Newsletter Committee Chairman, Newsletters Committee Periodicals Committee member, Editor-in-Chief of *IEEE Transactions on Neural Networks* (1998-2003). In 1993-97 and 1998-99 Associate Editor of *IEEE Transactions on Circuits and Systems, Part I* and *Part II*, respectively, and of *IEEE Transactions on Neural Networks* in 1993-97. Chairman and Founder of the NNC Neural Networks Technical Committee in 1995-96. Jacek is an IEEE Fellow, IEEE Distinguished Speaker, received a number of University of Louisville and IEEE awards, including Distinguished Research and Service Award, the 1999 Golden Jubilee Medal for Outstanding Contributions to IEEE CAS. In 2003, conferred the [Title of the Professor](#) by the President of Poland in 2003, and the title of the Foreign Member of the Polish Academy of Sciences in 2005.