



**ENGINEERS
AUSTRALIA**

Engineers Australia's Individual Awards Nominees

Engineers Australia's Individual Awards are to honour those individuals whose attributes have demonstrated great achievements and leadership within the engineering profession. This year there are three categories to be awarded for the Individual Awards including; Professional Engineer of the Year, Young Professional Engineer of the Year and Engineering Officer of the Year.

Professional Engineer of the Year Award Nominees

Peter Bowtell - Victoria Division
Professor Friso de Boer - Northern Division
Dr David Finch – Queensland Division
Andrew Leventhal - Sydney Division
Dr Kenneth Michael - Western Australia Division
Dr Jane Sargison - Tasmania Division
Ken Schalk – South Australia Division
Murray Thompson - Newcastle Division

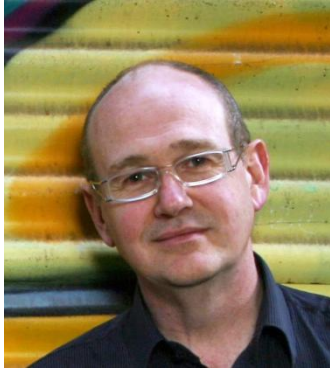
Young Professional Engineer of the Year Award Nominees

Emma Charlton – Queensland Division
Gavin Chater - Victoria Division
Gerry Doyle - South Australia Division
Lyndon Frearson - Northern Division
Steven Lindsay - Sydney Division
Michael Sylvester - Tasmania Division
Beau Taylor - Newcastle Division
Christopher Tyler - Western Australia Division
Christina West - Canberra Division

Engineering Officer of the Year Award Nominees

Ron Bessell - Tasmania Division
Jaswant Deo - Northern Division

Professional
Engineer of the
Year Nominees



Peter Bowtell

Victoria Division

Nominee

Professional Engineer of the Year

Peter has demonstrated a high level of competence and significant achievement in engineering and community affairs. He is now eligible for the National Professional Engineer Award 2011.

Peter has excelled in his role as Principal, Buildings Practice Leader - Australasia at Arup. His well-rounded and diverse engineering and community experience, along with his demonstrated leadership capability and his commitment to professional and community contribution, were defining factors in the judges' decision.

Peter's contribution to the profession is undeniable; he has held leadership roles both locally and internationally, and has led many of Melbourne's iconic projects, including the new AAMI Park Stadium, the MCG Northern Stand and the Melbourne Museum. Peter also has extensive community involvement; as leader of Arup's Community Partnering Program for Australasia, he oversees Arup's work in programs such as Habitat for Humanity, Water Aid, Engineers without Borders, Desert Knowledge Australia and Emergency Architects Australia.

Peter also managed a team of 25 from Engineers Australia and Consult Australia who helped in the Black Saturday bushfire recovery process, providing design and construction services for a new public hall for the community of Narbethong, opened in March 2011.

Mr Paul Collier, State President of Engineers Australia, Victoria Division and part of the judging panel, commented on Peter's success, saying "Peter is a future thinker who is focused on a clear vision for both the industry and the wider profession. He has also demonstrated commitment to improving the built environment in the cities in which he lives."



Professor Friso de Boer

Northern Division

Nominee

Professional Engineer of the Year

Friso is the Head of the School of Engineering and IT and has significantly contributed to Charles Darwin University with the growth of engineering programs from about 40 students in 2003, all in the Bachelor of Electrical and Electronics Engineering, to almost 400 students currently. Courses have expanded to include the Diploma, the Bachelor and the Masters of Engineering across Civil, Electrical and Electronics and Mechanical Engineering. As part of this, he has continually strived to find and employ staff with appropriate skills and attitudes to be a part of the engineering team at CDU. He has demonstrated excellent people management skills and careful financial management, all of which are competencies required of any engineering manager.

As well as the management of the Engineering School, Friso has continually taught several engineering units at both Bachelor and Masters levels, personally supervised about eight postgraduate students and co-authored technical papers for inclusion at engineering conferences.

Friso's creativity and passion have made it possible to attract students from outside Darwin and overseas with the introduction of distance learning and courses that are relevant to make the school self-sustaining. He has convinced Government and Industry to support students with scholarships that enable study in Darwin, thus providing graduates for the future. He is an inspiration to the Northern Territory and his contribution will be ongoing.



Dr David Finch

Queensland Division

Nominee

Professional Engineer of the Year

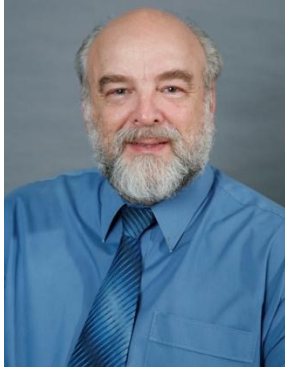
David is currently Director Technology and Risk for the Australia and New Zealand operations of AECOM. He heads both the Office of Risk Management and the Innovation and Technology Council for the ANZ region, overseeing innovation, technical capability, and project delivery for a team of some 4500 people.

During his thirty three years of engineering practice, David has also had key positions in a wide range of projects including heavy mining infrastructure; facilities; roads; rail; water supply; and environmental management.

David has filled a large number of senior leadership roles in his employment and in the profession and the community. These range from Company leadership roles to Engineers Australia Executive roles, Chamber of Commerce, and school P&F presidency.

While David's technical specialist discipline is structural engineering, during his career he has led projects across a wide range of disciplines from aboriginal community infrastructure in outback Australia to major urban transportation projects. Since moving into a senior leadership role in the company David has stayed "hands-on" technically, and acts as a mentor and point of reference to technical staff in the company.

David is Chair of the Innovation and Technology Council for the Australia and New Zealand businesses of AECOM, and also sits on the Technical and Innovation Council for AECOM globally. He speaks internally on innovation on a regular basis, and was guest speaker at the Australian Organisation for Quality annual Business Excellence Awards in 2008, when he spoke on "Inspiration for innovation - how the bias cut dress inspired the design of the Polaris rocket".



Andrew Leventhal

Sydney Division

Nominee

Professional Engineer of the Year

Andrew is a Senior Principal Geotechnical Engineer and as such is one of the technical leadership team within GHD Geotechnics. He has been responsible for the geotechnical design of significant projects with major geotechnical and hydrogeologic input in the course of a large-scale geotechnical consulting business.

Andrew has contributed to the profession for more than 35 years through his work in consulting and his efforts within both Sydney Division of Engineers Australia and the Australian Geomechanics Society (AGS).

In a voluntary capacity since 1985, Andrew has promoted the concept of Landslide Risk Management (LRM). He was a member of the sub-committee that initiated the concept of "risk" in hillside construction in 1985 - world first. Andrew was a member of the sub-committee that developed AGS (2000), managed the "Risky Roadshow 2002", and chaired the Landslide Taskforce that developed AGS (2007). AGS(2000) and AGS(2007) have contributed to the Australian community through improved understanding of landslide risk issues by both practitioners and the general public, and AGS (2007) received international. Andrew has represented Australia internationally in LRM matters.

Andrew's interest and involvement with LRM activities continues to this day, as Chairman of the Steering Committee for the very successful nationwide Risky Roadshow 2011. Work currently continues with the development of an Education Empowerment website on LRM, a project also with NDMP funding.

Andrew served a term as National Chairman of AGS (2-year term 2002-2003) and as Sydney Division President for two consecutive terms (2000 and 2001). Andrew was heavily involved (together with Bruce Howard, who carried the initiative to fruition) in the introduction of the everyday trading name, "Engineers Australia".

Andrew was recently installed as AGS Geotechnical Practitioner of the Year, honoured for his "contributions of the highest order over an extended period with a commitment to the geotechnical profession in Australia and to the life-blood of the Australian Geomechanics Society" in recognition of his outstanding, sustained and distinguished contribution to the geotechnical profession.



Dr Kenneth Comminos Michael

Western Australia Division

Nominee

Professional Engineer of the Year

Ken Michael has demonstrated outstanding engineering competence from the commencement of his engineering studies.

He completed a Bachelor of Engineering with First Class Honours in Civil Engineering in 1961 and was awarded the James A Wood Memorial Prize. After commencing his career as a bridge design engineer, he was awarded a scholarship to undertake postgraduate studies at Imperial College being awarded a PHD in engineering from the University of London in 1968.

Ken is being nominated for this award at the pinnacle of his engineering, community, education, government and organisational leadership on the conclusion of his appointment as the 32nd Governor of Western Australia.

Ken has applied his engineering and leadership skills throughout a time of massive change in structural engineering and use of materials. His career has seen the migration from manual calculations to sophisticated computer modelling. During the same period there has been a quantum shift in the design of concrete structures. Ken sought to keep Main Roads WA at the forefront of innovation both as an engineering designer and as Main Roads Commissioner.

Ken has given outstanding service to the engineering profession, Western Australia, the Greek community, Rotary and the university of Western Australia.

His numerous awards such as the Companion in the Order of Australia, General Division of the Order of Australia, WA Citizen of the Year 2001 and the Centenary Federation Medal all refer to his lengthy, diverse and valuable contribution to his profession, his community, industry and the broader society.

He is well respected across a large number of professional organisations and societies as is evidenced by his recognition as Fellow in at four of these organisations.



Dr Jane Sargison

Tasmania Division

Nominee

Professional Engineer of the Year

Jane is a world class researcher who has been able to extend her academic achievements into practical engineering application.

She has contributed significantly to engineering education in Tasmania both as a Senior Lecturer at University of Tasmania, member of the senior executive of the School of Engineering and as an inspirational mentor to high school students considering studies in engineering. Jane was the 1998 Rhodes Scholar for Tasmania and completed her DPil at the University of Oxford in 2001.

She is the author of many research papers has received numerous international awards.

The technology associated with her film cooling hole design for gas turbines has been patented and utilised by Rolls Royce in their aero-engineers to reduce fuel usage and improve longevity. Other examples of Janes engineering competence include her work conducted for Hydro Tasmania in the application of computational fluid dynamics to modelling of turbine performance under significantly varying flow regimes associated with operation of Bass Link.

Jane has contributes to the community and profession, having served on a number of boards and committees including the Board of St Michael's Collegiate School 2002-2003, currently Director on the National Board and Vice Chair of the Tasmanian Branch Committee of the Australian Institute of Energy and has been a committee member of the Women in Engineering Group.

Jane has recently applied her skills to the Rainbow Bee Eater project, a project that will generate energy from biomass and result in carbon sequestration with negligible cost, creating job opportunities in rural Australia. On her own initiative Jane approached the project proponents and has helped them advance the technology, project approvals, community consultation and financing. Jane has recently been appointed to the Board of the Rainbow Bee Eater project.

Jane is a successful business woman having run her own consulting practise in conjunction with her academic work.

The judges noted the inspiration that Jane has been to many young engineers and potential engineers, particularly women in engineering. impressed with the extent that Jane had been able to apply her academic research and analytical skills to practical problem solving in industry. Jane is a true innovator and a leader in business, the profession and the community.

Jane has packed considerable achievement into her career to become an internationally recognised and highly respected engineer.



Ken Schalk

South Australia Division

Nominee

Professional Engineer of the Year

Ken has been regarded as the pre-eminent stormwater engineer in South Australia for the past 20 years. He has been heavily involved in the development of stormwater management within Local Government and is a trusted advisor to many local governments on stormwater issues. During his career Ken has consistently pushed the boundaries of stormwater management, through authoring guidelines for Urban Stormwater Master Planning and being a leading practitioner in the introduction of water sensitive urban design through the Warriparinga Wetland project.

Ken has been instrumental in the delivery and development of a number of engineering projects in South Australia. As a Project Manager and Technical Engineer, Ken delivered the design of the award winning Warriparinga Wetlands. These wetlands provide significant value both for water quality and community use and are sited near the junction of Sturt Road and Marion Road. Ken was also the author of the Stormwater Management Plan guidelines which were prepared to encourage Local Government to consider stormwater management issues on a whole of catchment basis and not just as a local problem.

As Managing Director, Ken has provided the guidance and support that has enabled Tonkin Consulting to deliver some of the major projects in South Australia and beyond. He has had a personal involvement in the role of Project Executive/Director on the Wimmera Mallee Pipeline Project in Western Victoria, which replaced an open channel system for water provision with a piped network enabling significant improvements in water efficiency for irrigators in the Wimmera Mallee.

Ken has demonstrated creativity and innovation through both his technical roles and his leadership and management roles. As a technical engineer, Ken was heavily involved in pushing the boundaries of stormwater engineering to enable better management and improvements to stormwater quality. In the 1990s he was working on projects which used the principles of Water Sensitive Urban Design, which became the accepted standard during the late 2000s. He was also instrumental in the facilitation of Local Government in South Australia to work together across Council boundaries.

Ken has been heavily involved in the Hydrological Society of SA for many years and has filled the role of Treasurer. Ken has also led the Practice in its engagement with industry and the profession and whilst he is better known within the Local Government Stormwater Management area, Ken has been responsible for ensuring the Practice has a profile in other areas.

Ken is considered a stalwart of the Local Government industry and is well respected for his contribution to stormwater management in both South Australia and nationally.



Murray Thompson

Newcastle Division

Nominee

Professional Engineer of the Year

Murray is a Civil Engineer who has spent the last 33 years in local government in a range of positions associated with the investigation, design, operation and construction of water supply and sewerage projects.

The bulk of this period has been with the Port Macquarie-Hastings Council, most recently as Water Supply Manager. In this role he has been responsible for the development and implementation of the \$150M Hastings District Water Supply Augmentation Scheme. He has also had responsibility for the Council's electrical and telemetry operations and the mechanical workshop. Other major projects in which he has been involved include the Wauchope Water Treatment Plant Facilities Project, the Port Macquarie Urban Reclaimed Water Supply Scheme and the Hastings District Water Supply Fluoridation Project. Several of these projects have been recognised for engineering excellence by Engineers Australia and other professional bodies.

In 2007 he was awarded the IPWEA - Engineers Australia National Local Government Engineering Medal – a fitting recognition for his outstanding contributions to local government engineering.

Young
Professional
Engineer of the
Year Nominees



Emma Charlton

Queensland Division

Nominee

Young Professional Engineer of the Year

Emma Charlton is an Associate Director of AECOM and manager of the Acoustical group in Brisbane. She has been working in the engineering profession for eight years and has played a key role in a wide variety of projects in the fields of noise and vibration, with a particular focus in the areas of architectural acoustical design, environmental noise modelling, vibration control and road and rail noise impact assessments.

Recent projects include:

- \$340M One One One Eagle Street
- \$215M City Hall Refurbishment, Brisbane
- \$900M Enhanced Land Force - Phase 2 Stage 2B Project, Gallipoli Barracks, Enoggera
- \$85M Green Square Office Building

Emma has held a key leadership position for AECOM for over four years. She has also managed the Acoustics discipline in Queensland since January 2008. One of the biggest challenges and opportunities arising during her time at AECOM has been responding to the merger of Bassett and AECOM in 2004. She has been responsible for overseeing the implementation of a number of changes to the reporting and management systems since the merger.

Emma also acts as project director on multiple projects in the Buildings group, providing high level leadership to the project team. This includes high level project direction, identification and management of risk and management of the client interface at a senior level.

In recognition of her role as a leader in the business, Emma was recently selected to attend the inaugural Senior Leadership Development Program developed by AECOM in conjunction with the Australian Graduate School of Management. She was one of only 25 people from the 4500 staff across Australia and New Zealand selected for the course and the only person under 35 years of age.

Emma is an active member of the engineering community and participates on a number of committees including the Standards Australia committee AV-003 on Acoustics Human Effects. She is also a member of Engineers Without Borders and is currently part of the Energy Hub working group, developing guides to assist engineers in the field with the design and implementation of energy solutions for remote communities.



Gavin Chater

Victoria Division

Nominee

Young Professional Engineer of the Year

Gavin has displayed a high level of competence and significant achievement in engineering and community affairs. He is now eligible for the National Young Professional Engineer Award 2011.

Gavin has excelled in his role as Project Delivery Leader and Acting Manager - Property and Buildings Market Sector (Victoria) at GHD. His well-rounded leadership skills in leading projects both here and overseas and diverse engineering and community engagement, along with his demonstrated problem-solving skills and commitment to creative and innovative solutions, pleased the judges.

Gavin has held key leadership and management roles on several extensive projects, including Heathrow Terminal 5 and the White City Retail / Rail Interchange Precinct, both in London, and a renovation of the Air Traffic Control (ATC) Tower Facility at Avalon Airport.

Gavin is committed to serving his profession and community; he has served as Treasurer of the Victorian Chapter of the Centre for Engineering Leadership and Management (VicCELM) and also mentors coaching project personnel and other aspiring engineers as part of Young Engineers Victoria's Chartership Status Study Group scheme.

Mr Paul Collier, State President of Engineers Australia, Victoria Division and part of the judging panel, said: "Gavin's maturity and professionalism, together with his tenacity and commitment to be a leader and use his experiences to encourage other young engineers to be active in the profession, impressed the judges."



Gerry Doyle

South Australia Division

Nominee

Young Professional Engineer of the Year

During his career, Gerry has been involved in a number of landmark projects, including the expansion of Roxby Downs Township to cater for the expansion of the Olympic Dam Mine, the North South Interconnection System Project, a project for the South Australian Water Corporation to deliver water from the desalination plant to the northern suburbs and the Statewide Community Wastewater Management Scheme reuse program. On these projects, Gerry has shown an ability to quickly identify the problem and to develop sound engineering solutions.

Throughout his career, Gerry has moved into positions of leadership. 3 years after graduation he was asked to manage the Mt Gambier office of Tonkin Consulting for a 4 month period. On return he took up a role as the Team Leader of the Water Resources team and grew that team from 6 people to 25 over a 5 year project. He has taken on numerous project leadership roles and was rewarded by Tonkin Consulting for his efforts through his appointment as a Director in 2009.

Gerry's engineering work has focussed on the provision of public infrastructure, primarily related to water supply and wastewater collection. Gerry has been involved in major infrastructure both within Metropolitan Adelaide but also within Regional South Australia.

Gerry's skills are best suited to early stage planning and conceptual design of infrastructure. Through work with the Central Local Government Region of SA which represents 15 Councils from SA's mid north, Gerry facilitated a Regional agreement on the water security priorities over the next 20 years. This work highlighted Gerry's ability to come alongside clients and understand their drives while showing them the bigger picture. The CLGRSA project culminated with Gerry presenting to a group of the State's politicians on future options for the region. The project has seen the CLGRSA be well positioned to secure funding to support regional development through recent Federal Government funding initiatives.

Gerry has been heavily involved in the profession over the past five years. He is the current Deputy President of the Engineers Australia, SA Division, is the SA representative to the Civil College Board and is the chair of the Civil Branch in SA.



Lyndon Frearson

Northern Division

Nominee

Young Professional Engineer of the Year

Lyndon is the General Manager of CAT Projects and has been part of a number of award-winning projects in recent years in Central Australia. Prior to this, Lyndon spent 6 years working in heavy industry and manufacturing. Lyndon also has extensive experience implementing medium to large scale infrastructure projects, including 3 of the largest solar power plants in Australia and latterly as the Superintendent and Principal Project Manager for the \$18M Alice Springs Aquatic Centre.

In recent times, Lyndon has been part of the Bushlight India Project which has attracted the attention of International NGOs. He also designed and managed installation of the solar power station at the Crowne Plaza Hotel, Alice Springs and was the project manager and principal engineer for the Desert Knowledge Australia Solar Centre.

Lyndon is a national board member of the Australian Solar Energy Society, and represents Australia on the International Energy Agencies Photo Voltaic Power Systems program. Lyndon is also a respected advisor to Commonwealth and State/Territory Governments on alternative energy policy development.



Steven Lindsay

Sydney Division

Nominee

Young Professional Engineer of the Year

Steven graduated from the University of Newcastle with first class honors in 2003. After seven years at Arup, Steven left in mid 2010 to begin a new challenge of managing Lindsay & Dynan's Sydney office. While at Arup he was promoted to an Associate at 29 years old, making him one of the youngest engineers at this level in the company to date. Steven has led some of the most challenging and complex projects in Sydney including the multi award winning 77 King Street refurbishment (also home to Apple's first flagship store in Australia) and the \$280M 6 star Greenstar Darling Quarter development. 77 King Street was awarded the Australian Steel Institute national award for sustainable steel design, which Steven accepted at the 2009 National Steel Conference. Additionally, Steven has worked on a number of international projects in China, Denmark, Thailand, UK, Qatar, UAE, and the USA.

While at Arup, Steven was chosen by the Arup Board to represent the Australasian region of Arup at the United States Region Design School, held in San Francisco in 2007. Steven was enrolled in the Young Leadership Program at Arup – a program to nurture the future leaders of the industry. He also completed the ACEA (Consult Australia) Futurenet Business Leaders course, run over six months in 2009.

Steven is interested in exploring avenues that enabled him to contribute meaningfully to society by using engineering. As such, he has been involved with Red R for the last three and a half years completing its intensive training course designed to give the tools needed to apply engineering principles and general skills to political and natural disasters zones, and is presently on the register for deployment.

Steven is a mentor and leader to the staff at his office, which currently has 13 employees. As a leader, Steven is able to motivate and inspire staff members to achieve high results. His strong communication skills with clients and staff alike enable him to effectively apply high quality engineering solutions to suit clients needs. At Lindsay & Dynan, Steven is currently working with the Energised Alliance to help develop possible ways that Ausgrid substations' could be Greenstar rated.

Steven is a casual lecturer and tutor at the University of Technology Sydney (UTS). Here he teaches structures to architecture students, and has been doing so for the last five years. He is very motivated to help architects understand structures as he believes this is a key quality in the best architects he has worked with. Steven is also involved outside of the profession in the community. He is a Telecross volunteer for the Australian Red Cross. Steven was involved very actively in Camp Quality for about eight years. He was companion to a little boy with cancer. This is something Steven found very fulfilling.

Steven was recognised for his unique and inspiring approach to engineering and in 2010 was granted the prestigious award for Australia's Most Inspirational Young Engineer with six others at the Engineering Leadership conference in Brisbane in 2010.



Mike Sylvester

Tasmania Division

Nominee

Young Professional Engineer of the Year

A dynamic engineer who has packed a lot into his career to date with notable achievements through both his engineering work and contributions to the profession and community.

His engineering competence has taken him overseas, having had key roles on projects in Indonesia, Philippines, Laos, Vietnam, Fiji, New Zealand and Afghanistan. As power Program Development Manager in Afghanistan he led a team of 165 persons delivering a \$300m project.

A successful business entrepreneur, Mike develop a personal interest in eco-friendly building design into a consulting business for design and construction of residential houses. An innovator whose Fatigue Band initiative in Hydro Tasmania received a high commendation at the 2010 Safe Work Tasmania awards.

A dedicated father with a young family Mike has still managed to balance his work commitments for contributions to the community and profession.

Mike and his wife Rachael have established a weekly play group to provide support to young families and help combat post natal depression.

Mike contributes to the profession as a member of the Tasmania Division and the National Committee of Young Engineers Australia.

There is no doubt that as a young engineer Mike's achievements extend beyond the normal expectation and he is a worthy recipient of this award.



Mr Beau Taylor

Newcastle Division

Nominee

Young Professional Engineer of the Year

Beau Taylor has an honours degree in Mechanical Engineering and has spent the 7 years since his graduation in regional NSW involved in a range of engineering roles related to the beef processing industry.

For the past three and a half years Beau has held the role of Engineering Manager at the Cargill (Tamworth) Beef Processing Facility. The facility has approximately 500 employees, Beau's position encompasses a wide range of technical roles and responsibilities including the maintenance and reliability of the facility and its operation; capital planning and project management; implementation of new technology; environmental systems and compliance; utilities management (water, gas electricity); health and safety policies, programs and training; industrial relations; and personnel development programs.

In his period as Engineering Manager, Beau has developed and implemented a range of initiatives which have improved plant efficiency and also demonstrated engineering excellence and his capacity for innovation and achieving positive outcomes. Beau is a fine example of how a young professional engineer can make a significant contribution in a regional area.



Mr Christopher Tyler

Western Australia Division

Nominee

Young Professional Engineer of the Year

Technical ability was the building block for Chris' rise to prominence in the field of structural engineering in Western Australia. This was demonstrated in his time as an undergraduate at the University of Western Australia, where he was an outstanding student and achieved first class honours in Civil Engineering in 2004. At the same time he completed a Commerce degree with a double major in Corporate and Investment Finance. He received a number of awards during his University degree with the most prominent award coming from his undergraduate thesis on "Signal Matching Techniques for Pile Integrity Testing" for which he won the World War 2 Memorial Prize for most outstanding overall undergraduate thesis in the School of Civil and Resource Engineering in 2004. For this project he was also a finalist in the GFWA prize for best undergraduate thesis in Western Australia on a geotechnical subject.

Chris's natural leadership abilities were recognised by the management of Pritchard Francis soon after he joined the firm. His genuinely friendly nature combined with his focus on doing things "the right way" made him an ideal candidate to lead design teams, individual staff members and staff as a whole.

Leading design teams was a responsibility that Chris has relished since relatively early in his career. His natural ability and confidence meant that he was able to take responsibility for managing the engineering and client contact for projects including the \$9 million Walters Drive Office Development - a 4 storey office building, and the \$15 million Myaree Showroom Development in the first 2 years of his career.

Being awarded the University of Western Australia Pritchard Francis Scholarship in 2003, was his first strong link to becoming practicing engineer, a field where he was soon to make an impact. A dynamic young engineer, Chris was keenly interested in sustainability and was put in charge of researching sustainability in the firm before completing his first year as a graduate. He was quickly drawn to the emerging Green Building Council and sat the exam to become the first Green Star Accredited structural engineer in Western Australia in April 2006. Following his accreditation, his efforts in this field only expanded.

Chris was promoted to Associate Director in December 2009, just prior to his 28th birthday. Being a key figure in a civil and structural design office of over 60 staff, with increasing influence of the direction and financial position of the firm, is an outstanding achievement and is testament to his commitment to the profession.



Christina West

Canberra Division

Nominee

Young Professional Engineer of the Year

Christina West has worked in various parts of the water industry including water treatment plant operations, policy and resource planning, hydrologic and hydraulic modelling and engineering consulting. Christina's career has so far seen her work in three states, in both the public and private sector and has allowed her unique insights into many aspects of the water industry. Christina became a Chartered Professional Chemical Engineer in 2010. Her Engineering Practice Report demonstrated competence through the core units of engineering practice, engineering planning and design, and self management in the engineering workplace and the elective units of engineering project management and environmental management.

As a job manager in GHD, Christina must coordinate, lead and manage project teams of varying sizes and compositions. Christina is currently leading and managing the Canberra Integrated Urban Waterways Project (CIUWP), the largest stormwater harvesting project ever undertaken in Australia. Once completed CIUWP will satisfy a significant portion of the ACT Government's water efficiency targets.

Christina has used her creative problem solving skills and innovative technical and project management techniques to execute projects that have a direct and positive impact upon communities. As the job manager of the Canberra Integrated Urban Waterways Project (CIUWP), Christina has utilised a range of project tools to better coordinate input and progress the project. Christina used geospatial information system (GIS) tools to inform colleagues of the mapping products required for the constraints analysis conducted during the project's initial feasibility and design phases.

Christina has been an active member of Engineers Australia since 2001. In this time she has been a volunteer on a number of industry association committees including as Secretary and then Chair of Young Engineers Australia, Queensland Division and Canberra Division, as a Young Water Professional Committee Member on the Australian Water Association's ACT Division Committee, currently as a committee member on Canberra Division's Women in Engineering committee and as the National Committee Representative for Young Engineers Australia Canberra Division. Through each of these roles Christina has been able to engage with and be an advocate for young engineers and young professionals. As a leader and facilitator, Christina has coordinated the activities of these committees and organised numerous events aimed at developing the professional and personal skills of young engineers.

Engineering
Officer of the Year
Nominees



Ron Bessell

Tasmania Division

Nominee

Engineering Officer of the Year

A Engineering Officer who is a successful business leader. He has continually extended his expertise and his demonstrated competence has allowed him to technically contribute to projects and lead teams across the varied roles of planning, environmental science and engineering disciplines of civil, structural, hydraulic, mechanical electrical and fire.

He has demonstrated his ability to combine his practical manner and knowledge of construction with new technologies such as the introduction of Building Information Modelling.

A track record of leadership as the Northern Group Manager for JMG where he is responsible for around 20 full time staff including engineers, planners, environmental scientists engineering officers and support staff.

A contributor to the community via involvement with RACT, Rugby and the Launceston Chamber of Commerce.

Ron is a aspirational role model for Engineering Officers.



Jaswant Deo

Northern Division

Nominee

Engineering Officer of the Year

Jaswant Deo has 30 year's experience in varied capacities including Management, Engineering, Design, Construction, Manufacturing, Project Management and Dispute Resolution.

He is currently employed with RP Project Management.

Jaswant's current membership and involvement with professional bodies include:

- Chartered Member of Engineers Australia
- Management Committee of Engineers
 - Australia Northern Division
- Chair of Northern Territory Division of Consult Australia (formerly known as Association of Consulting Engineers Australia) and a Member of the National Board of Directors
- Registered Project Manager and Certified Practising Project Manager
- Member of Australian Institute of Refrigeration Air Conditioning and Heating
- Member of Society of Fire Safety
- Member of Institute of Arbitrators and Mediators Australia
- Nationally Accredited Mediator
- Qualified Arbitrator
 - Currently seeking Grade 3 accreditation

Industry participation includes:

- Guest Speaker for Department of Business and Employment on the 13th of April 2011 on Major Projects – Industry Development Program – Project Management and Control Seminar
- Guest Speaker for Australia Institute of Project Management on the 13th of April 2011 on Alternative Dispute Resolution in Project Management
- Assisting Community Justice Centre of the Department of Justice in coaching new student Mediators who are aspiring to get Nationally Accredited
- Registered as a Tutor with the Office of the Pro Vic-Chancellor, Indigenous Leadership of the Charles Darwin University for their Indigenous Tutorial Assistance Scheme (ITAS)

Jaswant is heavily involved with Palmerston Crocs Rugby Union club, Northern Territory Rugby Union and the Palmerston Magpies Football Club by assisting the clubs and other volunteer parents in various capacities, such as carrying out Water Carrier Duties during games or as a Volunteer Linesman or Umpire for Junior games.