

defining *excellence awards*



Research Medals
Teaching Excellence Awards
Distinguished Alumni Awards

FROM THE VICE-CHANCELLOR



Telling our stories, celebrating success

This year Massey is marking the success of its staff and alumni in a new way – we are bringing them together for one night of celebration.

Massey is New Zealand's defining university. Our goal is to make a contribution to the shape of our nation's future and take what is special about New Zealand to the rest of the world. Of course, we can do this only if our staff and students are making a defining mark on the world – and they are.

Through our Defining Excellence Awards we are telling the stories of their success and celebrating their achievements.

In this special edition of DefiningNZ Assistant Vice-Chancellor (Academic and International) Professor Ingrid Day will talk about the importance of the outstanding teachers we have at Massey. I believe Massey is the best teaching university in the country. This conviction comes not only from the recognition our teachers receive but also from Massey's history of teaching a unique mix of internal, distance and international students. Such a diverse student body has ensured Massey staff members have had to think more than most about how to ensure every learner has the best possible experience.

Assistant Vice-Chancellor (Research) Professor Brigid Heywood will introduce some of our outstanding researchers. We are a research-led university with a reputation for groundbreaking research linked to real world problems. It is this record of excellence and application that led to the University hosting two of the six New Zealand Centres of Research Excellence – the Riddet Institute and the Alan Wilson Centre – and participating in all of the other centres.

My job is to tell you about our alumni. Last year at a ceremony in Wellington we recognised a stunning group of alumni – Professor Emeritus Sir Alan Frampton, Dr Judy McGregor, Dr Lockwood Smith, Sarah Kennedy, Sir Richard Taylor, Yvette McCausland-Durie and Dr Shaun Hendy. Two of these outstanding people – Dr McGregor and Dr Smith – have helped

choose the people we will recognise tonight. My thanks go to the judges, who also included Massey Alumni representatives Bruce Ullrich and Lesley Whyte, and Professors Emeriti Roger Morris and Sylvia Rumball.

Congratulations to all the winners. I know you will continue to make us proud.

Last year we also began the task of connecting with all of the people who have been a student or staff member of Massey University. We value our heritage and want to ensure that we are in touch with the Massey family so we can keep them up to date with the University of which they are so proud. But we are also aware that the size, location and achievements of our alumni represent a formidable and important network. We live in the age of networks and Massey has one of the most extensive. Over our history, literally hundreds of thousands of people have been associated with Massey. They now live all over New Zealand and throughout the world. We want to ensure everyone is in contact with the University and with each other. The importance and power of our network has been driven home to us over the past year in many ways. In New Zealand, Australia, the Pacific, Asia, the United States, Europe – wherever we go, we have consistently been told of how proud people are of Massey and how much they want to be a part of our effort to help define the future. They understand why Massey exists and they want to be a part of the story.

As Massey's Vice-Chancellor I take very seriously the need to live up to the expectations of our alumni. They have made this University. To paraphrase a wise saying, if we can see further, it is because we stand on their shoulders. We are grateful for their achievements and look forward to their continued support.

Enjoy the celebrations, tell the stories and stay in touch.
Steve Maharey



DISTINGUISHED ALUMNI AWARDS 2011

Sir Neil Waters

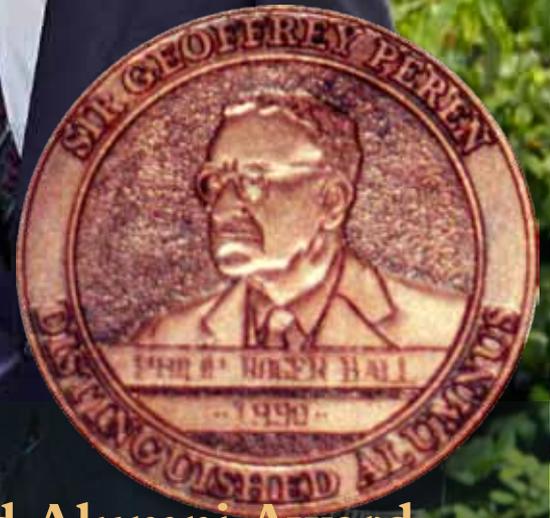
Sir Geoffrey Peren Distinguished Alumni Award

Sir Neil led Massey through a period of profound change as Vice-Chancellor from 1983-95, during which student numbers more than doubled. Among his most notable achievements were the transformation of the University's research capability and the establishment of the Albany campus in 1993.

He graduated with a PhD in chemistry in 1957 from the then University of New Zealand (at Auckland) and became Professor of Chemistry, assistant vice-chancellor and chair of at the University of Auckland's research committee. He was elected a fellow of the Royal Society of New Zealand in 1982 and has had terms as chairman of the Foundation for Research Science and Technology and of the New Zealand Qualifications Authority. He received his knighthood in 1995 and Massey awarded him an Honorary Doctorate in Literature in 1996. In 2004 it inaugurated the Sir Neil Waters Distinguished Lecture Series. Sir Neil says he takes satisfaction from having put the research at the university on a sound footing in fields other than Massey's traditional specialties. "There was research going on

in agriculture but not much anywhere else." He established a research administration and assistant vice-chancellor position to oversee research and research funding.

His push to establish a new campus at Albany, on what was then the semi-rural outskirts of Auckland, was seen as visionary. It was a bold move for what was a provincial university, putting the new development in the heart of one of the city's fastest-growing areas. The distinctive new campus not only gave Massey unprecedented profile, it also helped break down stereotypes related to the University's roots as an agricultural college. Sir Neil recalls that the Albany development followed a realisation of how many Aucklanders were coming to Massey because they were unable to get a university place in their own region. "It seemed an awful lot of students came down from Auckland. I thought, if we don't get in up there somebody else is going to get in, we'll lose all our students and the University will go backwards; that was the driving force for it."





Gregor Reid Distinguished Alumni Achievement Award

Professor Reid, who completed his PhD at Massey nearly 30 years ago, is an internationally recognised authority in the field of probiotics.

A professor of microbiology and immunology at the University of Western Ontario, Canada and director of the Canadian Research and Development Centre for Probiotics, Professor Reid has been a pioneer in microbiological issues relating to women's health. His work has led to commercial probiotic products being sold internationally and is estimated to have benefited millions of women worldwide.

He chaired the United Nations-World Health Organisation expert panel and working group on probiotics and from 2006-09 was President of the International Scientific Association for Probiotics and Prebiotics.

A native of Scotland, he trained as a microbiologist at the University of Glasgow before coming to New Zealand to work on a project at Massey's Department of Microbiology and Genetics, partly with the help of a Rotary scholarship.

He excelled in the laboratory and won the student prize for presentations at the New Zealand Microbiological Society

Conference two years in a row. His work at Massey – four papers were published from the work in his thesis – led to his career in Canada.

"I really can't say enough how much I enjoyed it [at Massey]," he says. He has fond memories of his life outside work hours, going to Winter Tournament in Dunedin and spinning records as a DJ on the fledgling student radio station, where his show was called "Uncle Jock's Haggis-munching celebrity-variety tartan special".

He believes he won a lot of credit through his career for having gone from Scotland to Massey. While students are pushed to attend "name" schools in the northern hemisphere, "I think you first of all go somewhere that's going to give you good experience".

He wanted to make a difference in people's lives, and has done so in probiotics. His ongoing links with New Zealand include his membership of the Microbiological Society. He says his Distinguished Alumni Award is welcome recognition of Massey's biomedical credentials. Looking at others who have received the award, he says it is "incredible" to be included among them.





Peter MacGillivray
Distinguished Alumni Service Award
For service to the University

Peter MacGillivray has devoted most of his adult life to Massey University and its predecessor the Massey Agricultural College, which he came to in 1949 from a farm in the Wairarapa. Graduating with a Bachelor of Agricultural Science, he spent two years travelling and working in the United States and Canada. He returned to New Zealand to work as a junior lecturer in Canterbury Agricultural College, Lincoln. In 1958 he became a

lecturer in farm management at Massey and, in 1970, Director of the Diploma in Agricultural Studies. He also had the role of hostel manager, responsible for the students in residence, living in McHardy Hall (known as Pink Hostel) for 14 years. In retirement he has remained active as president of the forerunner to the current Alumni chapters and organiser of numerous reunions of former students and activities in support of the University.



Sharron Cole
Distinguished Alumni Service Award
For service to the community and nation

With a Diploma in Education, a Bachelor of Arts (Hons) and Master of Arts, Ms Cole is widely known as a proud advocate of the University, in particular its humanities faculty, where she studied history under Professor Bill Oliver. Currently chief executive of the Midwifery Council, she was deputy chief commissioner of the Families Commission from 2004-09 and has been a member of the Bay of Plenty and Hutt Valley district health boards. Heavily involved in voluntary activities, particularly the Parents' Centre, she was made a companion of the Queen's Service Order in

2007. She has also been appointed to statutory bodies responsible for bioethics, assessment of medical misadventure, professional disciplinary processes and consideration of penal policy. One of those who nominated her for this award wrote, "Sharron is an outstanding example of Massey University's ability to produce graduates in humanities and social sciences who can go on to deliver a practical application of their skills, learning and competency in the community context."





Carl Sanders-Edwards Distinguished Young Alumni

Babson College in Boston has a lot in common with Massey, according to this year's winner Carl Sanders-Edwards. Known for its leading work in entrepreneurship, the college is Mr Sanders-Edwards' base this year as he studies towards a Fulbright-funded MBA.

"Babson is recognised as being innovative in the US – it's differentiated from other schools by its melding of theory and real world practice," he says. "But it reminds me of Massey; it's grounded in the practical world. I feel like I'm in a familiar space."

The 35-year-old began his career at Massey, gaining a Bachelor of Technology with first-class honours. "My degree was in manufacturing and industrial technology, but the great thing about the degree was that it taught me many of the fundamentals required to succeed in the business world."

Since then, he has worked for the global consulting firm Accenture and the British start-up company rightmove.co.nz. His current company, JumpShift, provides training on leadership and the use of cutting-edge technology with clients such as Fonterra.

Mr Sanders-Edwards says he is honoured and humbled to receive the award. "It shows that hard work and dedication to something that you think is worthwhile gets noticed and recognised," he says. "I've always been very fond of Massey, and that undergraduate programme prepared me for everything I've ever done since, and inspired me to keep doing what I do."

He hopes to extend those Massey links on his return from Babson, working with business incubators such as the e-Centre to strengthen the partnership between academia and the business world.



Our lives are shaped by the discoveries we make



EVERY DAY, MASSEY PEOPLE ARE MAKING DISCOVERIES THAT ULTIMATELY SHAPE OUR LIVES.

Professor David Raubenheimer is using tracking technology in Nepal to examine the relationship between the endangered snow leopard, its prey and local villagers. Understanding this relationship is crucial because the effects of climate change are intensifying the conflict between people and wildlife in this inhospitable environment.

Massey University researchers exemplify a unique spirit of innovation and leadership. Their discoveries inform the best teaching and enhance communities in New Zealand and around the world.

To find out more visit www.massey.ac.nz
or call 0800 MASSEY.

Te Kunenga
ki Pūrehuroa



MASSEY UNIVERSITY

Forever discovering

Professor David Raubenheimer (right) with Nepali Massey PhD student Achyut Aryal

FROM THE ASSISTANT VICE-CHANCELLOR



Research leadership the key to global challenges

When awarding the annual Research Medals, the University recognises individuals and teams for their exemplary research leadership within the Massey community and for their acknowledged contributions to academic research through international partnership with organisations drawn from the public and private sectors in New Zealand and farther afield.

The 2010 winners have played a key part in assuring New Zealand's contribution to the sustainability agenda, to supporting health and wellbeing and to addressing fundamental issues linked to food security, as well as providing significant inputs to other life quality issues.

The medals awarded to individuals reflected strongly our commitment to the translation of fundamental research to real world challenges. Professor Geoffrey Jameson was awarded a 2010 Research Medal for his signature contributions to our understanding of the structure of large molecules and the application of that knowledge in fields as diverse as medicine, pharmacology and nanotechnology. Of particular note was his longstanding engagement with advancing new analytical techniques to enhance the resolution of the data which can be drawn together to explore the complex physical nature of crystalline materials.

Research success is rarely drawn from the activity of one individual and, in awarding the team medal to the Sheep Research Group the University was reflecting on the quality of fundamental

science research originating from this world leading unit, which has underpinned our innovative contributions to the breeding of sheep and the management of animal welfare issues.

Key to the success of an elite research community is the nurturing of early career researchers. Clinical psychologist Professor Ian Evans is a recipient for supervision given the impact of his research not just on his chosen profession but on the students he has recruited and taught over more than 40 years. The vibrant and active environment he has developed for graduate research students in the Wellington-based unit for Behavioural Studies of Children is recognised for the successful mentoring of nascent academic scholars and researchers. Developing next generation research leaders is an important dynamic as it is one of the key portals through which we can initiate new research and build innovation into established centres of excellence. Dr Wayne Patrick has been recognised for groundbreaking research that has allowed him to harvest valuable intellectual property from work at the frontiers of biochemistry and evolutionary biology. The other early career medal recipient, Dr Murray Cox, a Rutherford Discovery Fellowship recipient, is already internationally renowned – and widely published – for his research into population genomics and statistical inference.

Professor Brigid Heywood
Assistant Vice-Chancellor (Research and Enterprise)



MASSEY UNIVERSITY RESEARCH MEDALS 2010



Professor Geoffrey Jameson Research Medal Award – Individual

Professor Jameson is Professor of Structural Chemistry and Biology in the Institute of Fundamental Sciences.

As director of the Centre for Structural Biology, the centre has thrived with, new x-ray equipment and high-field NMR spectrometers being added to the suite of techniques available in-house.

He is one of the leading crystallographers in the world and has a

particular interest in dealing with problematic crystal structures. He was awarded a personal chair in structural chemistry in 2002, and the following year was made a fellow of the Royal Society of New Zealand and was selected as the Royal Society of Chemistry Australasian Lecturer, a prestigious award given to very few New Zealanders.



Professor Ian Evans Research Medal Award – Supervisor

Clinical psychologist Professor Ian Evans has made an impact not just on his chosen profession but with the students he has taught over a career lasting more than 40 years. Professor Evans joined Massey in 2002, and was appointed to a full-time position a year later.

For the next four years he was head of the School of Psychology and during this time supervised many psychology postgraduate students, including honours, master's, PhD and clinical doctorate students.

He has also established a vibrant and active environment for his research students to work in at the Wellington campus called CHERUBS (Children's Environments: A Research Unit for Behavioural Studies).

Former students have described this set-up as being hugely beneficial to them by providing a collaborative approach to study.



The Sheep Research Group Research Medal Award – Team



The Sheep Research Group, led by Professor Steve Morris, has contributed around 170 years of work to the New Zealand agricultural sector on behalf of Massey University. Its members have published more than 800 refereed scientific articles in the pastoral animal production, welfare and health fields.

This research has led to the improved reproductive efficiency of hoggets, improved lamb survival and growth rates, strategies to reduce the development of parasite drench resistance and a better understanding of the impact of farming practices on animal welfare.

The group collaborates widely with researchers from institutions such as AgResearch, CSIRO, Peking University and the University of Copenhagen. Through sustained hard work and commitment to innovation, accessibility and excellence, their impact on Massey University and on sheep farming systems around the world has been immense.



A portrait of Dr Murray Cox, a man with glasses and a light-colored zip-up sweater, sitting at a desk with computer monitors in a laboratory setting.

Dr Murray Cox

Research Medal Award – Early Career

Dr Cox is a research fellow at the Institute of Molecular BioSciences. He works with Massey researchers to bring bioinformatics and statistics capability to a range of research programmes on fungal endophytes and pathogens. A Rutherford Discovery Fellowship recipient he is internationally renowned for his research into population genomics and statistical inference. The young scientist already has 28 publications in peer-reviewed

journals and has won a GW Lasker prize for best publication during 2008 in the journal *Human Biology*. He has acted as a reviewer for 14 journals and was recently appointed as an editor for *Human Biology*. He is a member of two Centres of Research Excellence, the Bio-Protection Research Centre and the Allan Wilson Centre for Molecular Ecology and Evolution.

A portrait of Dr Wayne Patrick, a man with glasses and a striped shirt, smiling in a laboratory setting with scientific posters on the wall behind him.

Dr Wayne Patrick

Research Medal Award – Early Career

Dr Patrick is a senior lecturer at the Institute of Natural Sciences. Last year, he was named Young Biotechnologist of the Year in recognition of his work into ligase enzymes. This research has led to the filing of two provisional patents for his research, which improves DNA ligase enzymes. He is principal investigator of two successful Marsden fund grants in the past two years; a fast start

grant from the Ecology, Evolution and Behaviour panel in 2008 and a standard grant from the Cellular, Molecular and Physiological Biology panel last year. He has established a productive research laboratory at the interface of biochemistry and evolutionary biology and is currently working with four PhD students.



FROM THE ASSISTANT VICE-CHANCELLOR



Lengthy history of teaching excellence

Massey University has a longstanding history of excellence in teaching. From the Vice-Chancellor's Awards for Teaching Excellence to the National Tertiary Teaching Excellence awards, Massey staff members demonstrate their ability to perform at an exceptional level.

The excellence and innovation of our staff with their students is at the forefront of what we do – and makes Massey University a premier provider of education for all students.

The 2010 Vice-Chancellor's Awards for Teaching Excellence showcased the commitment of Massey staff to exceptional support for student learning. Dr Angie Farrow and Dr Neville Honey received awards for sustained commitment to teaching excellence. Dr Eva Heinrich and Dr Craig Prichard received the Darrilyn O'Dea Award for e-learning. Dr Bevan Catley received the award for excellence in teaching first-year students.

For the first time last year, awards were given for exceptional academic support and outstanding contribution to distance education. Lois Wilkinson, from the Manawatu Teaching and Learning Centre, received the inaugural award for excellence in academic support in recognition of her commitment to the students she has assisted through her role as student learning development consultant. Manawatu campus registrar Dr Sandi Shillington received the inaugural Professor Donald Bewley Award for her outstanding contribution to distance education.

Massey staff who have received the Vice-Chancellor's awards then have an opportunity to be nominated for national recognition

in the Tertiary Teaching Excellence Awards, sponsored by Ako Aotearoa. The track record of staff at this level is equally impressive with Massey matched only by the University of Otago in the total number of awards received by its staff.

While the awards are due recognition of the outstanding achievements of Massey staff, these stories are just a few of many. I am continually finding new examples from across the University of teachers who are engaging creatively to assist students achieve their full potential.

Massey's excellence in teaching will, most importantly, serve the community with graduates who are creative, connected and capable of applying their learning throughout their lives.

This year, as well as celebrating excellence in teaching alongside research excellence and alumni achievement, the University will also be implementing a new framework for teaching and learning grants and awards. The framework will provide a future platform for celebrating and sharing the achievements of teaching staff and those who support them.

While our history of excellence is unchallenged, we remain focused on the present and future of teaching excellence at Massey. Providing excellent support for our staff and students is the key to assuring that new innovations prosper.

Professor Ingrid Day
Assistant Vice-Chancellor (Academic and International)



TEACHING EXCELLENCE AWARDS 2010

Dr Angie Farrow Vice-Chancellor's Teaching Excellence Award

Dr Farrow, from the School of English and Media Studies, specialises in performance drama, public speaking and other aspects of the creative process.

The strength of the student voice is the dominating theme of Dr Farrow's portfolio and is reflective of her commitment, enthusiasm, energy and excitement that she brings to her teaching.

She combines her innovative approaches and practice with a great depth of disciplinary scholarship – exemplified through leadership and evidenced through the invitations she receives to work with an extensive range of organisations and groups within New Zealand and internationally.

The extent and breadth of Dr Farrow's energy and commitment

are further demonstrated through her involvement in community initiatives and projects. She has written plays set specifically within the Manawatu community, and encouraged members of her local community to be part of the productions and learn lessons with a universal application beyond the classroom.

“Confidence building is at the heart of my teaching practice, because when students have confidence they are more likely to discover new possibilities within themselves,” Dr Farrow says.

Her holistic and inclusive philosophy continues to enhance the quality of her teaching and the learning of her students.

She won a \$20,000 national tertiary teaching excellence award last year.





Dr Neville Honey **Sustained Commitment to Teaching Excellence**

Dr Honey, from the Institute of Molecular BioSciences, teaches classical and human genetics. He says he adjusts his teaching strategies and curriculum in response to student feedback. He most likes interacting with students. “Student comments and answers can be light-hearted, unexpected, illuminating, or alarming, which enlivens teaching for me.” He thinks that for students the most important thing about teaching is being able to engage with lectures and topics. “Students need to be doing things, whether it’s physical activities or thinking about and discussing some topic, in order to learn effectively. I value being able to discuss teaching with my colleagues, to exchange information and ideas. It helps enhance the feeling of being in a community of teachers, as preparing and giving lectures is mostly an individual, rather isolated, effort.”



Dr Bevan Catley **Sustained Commitment to Teaching Excellence**

Dr Catley’s capacity for reflection and self-critique and his enthusiasm and capability to continually seek to improve his teaching and the learning of his students is a central theme running through his portfolio.

Dr Catley, from the School of Management, says his teaching philosophy is a product of reflecting on his own student experiences, feedback from students and peers, and observation of other exemplary lecturers.

“A rewarding learning experience is a team effort. It requires engaged students, tutors and lecturers. It requires supportive colleagues with whom you can discuss problems and potential solutions, and supportive colleagues to provide an effective and professional learning infrastructure.”

His reflective approach is demonstrated through the way in which he uses student evaluation data and comments to continually review and improve his approach to teaching and learning. Through the Stream Project and the implementation of the revised Bachelor of Business Studies, as well in many other relevant areas, Dr Catley has taken on an effective leadership role.



Dr Eva Heinrich **The Darrylin O’Dea Award for eLearning**

Dr Heinrich, from the School of Engineering and Advanced Technology, has made a significant contribution to eLearning and innovation across the teaching and learning spectrum. The understanding of pedagogy which Dr Heinrich has developed is clearly evident in the outcomes and successes of the technology-related learning and teaching projects that she has led, in particular, her work in the field of assessment. She has incorporated technology tools into her own teaching and by doing so, has extended and enhanced the involvement and engagement of her students. She enjoys the challenge of de-constructing complex material and presenting it to students in a form that helps their learning. “Students need many things from us – clarity, guidance, respect, enthusiasm, encouragement – to name just a few. Innovation in teaching means taking risks, departing from the security of the well-walked path. You only want to do this with the backing and support from colleagues and the wider university.”



Dr Craig Prichard **Darrylin O’Dea Award for eLearning**

Dr Prichard, from the School of Management, uses technology in innovative and exciting ways to address the unique challenges of teaching management at a distance. This was reflected in his application for the Darrylin O’Dea Award and was recognised by the panel in making Dr Prichard a joint recipient of the award for 2010.

As an ‘early adopter’ Dr Prichard has led the way with his use of communications technology. The strength of the pedagogy underpinning his approach to technology-enabled teaching demonstrates a thoughtful, scholarly and reflective approach, which has been recognised and acknowledged by his students as something out of the ordinary. Dr Prichard’s success in creating and sustaining an excellent teaching and learning environment is complemented by his willingness and capacity to reflect on his work and to engage in an ongoing process of improvement.



Lois Wilkinson **Award for Excellence in Academic Support**

Student learning development consultant Ms Wilkinson’s portfolio exemplifies the importance of a positive and empathetic level of personal engagement with an objective focus on the learning needs of the students, and the importance of enabling them to take responsibility for their own learning.

Ms Wilkinson’s work within the Student Learning Centre has been acknowledged through feedback from students she supports across multiple disciplines and as a result, she is the first recipient of the Award for Excellence in Academic Support.

She is continually looking for new opportunities and approaches able to be used to support, encourage and enable her learners to achieve their potential. This is reflected in her work with groups and with individuals.

Ms Wilkinson plays a critical support role within the University and ensures that Massey students are better enabled to have an excellent and distinctive learning experience.



Dr Sandi Shillington **Professor Donald Bewley Award – For outstanding contribution to distance education**

Manawatu campus registrar Dr Sandi Shillington was the inaugural recipient of this award last year. It recognised her work in encouraging excellence in the delivery of support services and teaching programmes, and for developing ways of encouraging excellence in student performance. The award, inaugurated to mark 50 years of distance education at Massey, is named in recognition of the decisive and pioneering role played by Professor Bewley in establishing distance education.

Dr Shillington led a project called “Bridging Distance” that provided the foundations for enhancing the engagement, retention and success of distance learners through early personalised support. It led to the Online Writing and Learning Links project and the consequential Pre-Reading Service, which is widely acclaimed by students and staff and regarded as a world-leading initiative.

Dr Shillington’s support for these initiatives and others, including the establishment of on-line counselling resources and the Student Learning and Development Service, has been unwavering.



Help us to Define New Zealand

Massey University has played a defining role in the development of New Zealand through its contribution to land-based industries, commitment to innovation and close links with the business community.

The Massey University Foundation raises money to fund teaching, research, facilities and scholarships at Massey.

Last year the Foundation launched its first major fundraising campaign, Advancing New Zealand. The campaign is fundraising to support projects which will ensure Massey maintains its defining role in New Zealand. By supporting Massey you will ensure that some of the most innovative and creative solutions to global issues are discovered at Massey, by Massey scholars.

To pledge your support visit <http://foundation.massey.ac.nz> or telephone + 64 6 350 5159

