



**THE UNIVERSITY OF
WESTERN AUSTRALIA**

School of Mechanical Engineering

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Miss. Neerushana Jehanathan

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28th December 2006

Young Nanotechnology Ambassador Award 2006

REPORT

As a Young Nanotechnology Ambassador my mission was to encourage students toward a personal commitment to a career in science and to acquaint them with exciting research in the field of nano science and technology by giving them a first hand experience in exploring the nano world by enhancing their appreciation of science and engineering.

I visited four schools in Western Australia in November 2006. In general, the response from the number of schools I contacted was positive. I couldn't accommodate every school's request. So I chose to visit Presbyterian Ladies' College, All Saint's College, Perth College and a regional high school-Bunbury Catholic College.

They all seemed very interested in acquainting themselves with the cutting technologies related to nanotechnology and review the hype about the field of nanosciences and its future promises to the betterment of mankind. I was also quite amazed by the questions raised by some of the high school students. Apparently movies such as Star Trek, Star Wars, The Matrix, Honey I Shrunk the Kids, Minority Report, The X-Files and Spider-Man have perhaps done justice in raising awareness in nanotechnology and in some ways provoked the thinking caps of our future generation scientists and engineers.

It was a great opportunity to visit these schools and be able to share my passion and promote awareness in nanoscience and nanotechnology. I'm also glad that I was able to bring the "wow" factor into consideration. I wish to thank ARCNN for giving me this absolutely brilliant opportunity and the funding to making this mission a complete success. In my perception, I think this outreach program by ARCNN will help promote an awareness of the importance of nanotechnology to our society and future career prospects of this ever emerging successful field of science. Whereby igniting the flames of imagination and innovation in young minds. This will be the roots to a fruitful future for the new era in nanotechnology.



Presbyterian Ladies' College, 6th November 2006



Bunbury Catholic College, 8th November 2006



All Saints' College, 14th November 2006

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Perth College, 21st November 2006

Attached are feed back letters sent by Presbyterian Ladies' College, Perth College and Bunbury Catholic College.

Neerushana Jehanathan
Young Nanotechnology Ambassador Award 2006

P R E S B Y T E R I A N L A D I E S ' C O L L E G E



24 November 2006

Miss Neerushana Jehanathan
School of Mechanical Engineering
35 Stirling Highway
Crawley 6009

Dear Neeru,

I am writing to thank you for the informative and entertaining session you ran for our Year 10 and 11 students recently about Nanotechnology.

Your talk was really fascinating, as a non-scientist I really appreciated your approach making what is usually bewildering for the layman clear. Similarly, the students were thoroughly engaged by both what you had to say and the excellent accompanying power point presentation.

Thank you very much for your time, the students really appreciated it and I have already had one student call in to discuss career options in Nanotechnology as a result of your session.

All the best in your future research.

Yours sincerely



Jenny Hetherington
Director of Careers

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Neerushana Jehanathan
Young Nanotechnology Ambassador Award 2006



PERTH COLLEGE

An Anglican School for Girls

Leon Rumford
HOD – Science
Perth College
PO Box 25
Mount Lawley
WA 6929

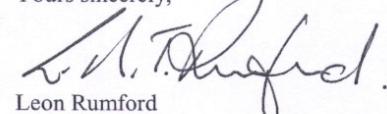
Neerushana Jehanathan
School of Mechanical Engineering
UWA

Dear Neerushana,

Thank you for your visit and presentation on ‘Nanotechnology’ on Tuesday, 21 November. Our Year 10 students were certainly captivated by your discussion of this cutting edge science technology and your ‘passion’ was obvious throughout the presentation.

Apart from our need to continue to provide interesting excursion and incursion experiences for our students, you were also, by definition, able to provide a current and relevant example of ‘Women in Science’. Our students certainly appreciated your effort.

Yours sincerely,


Leon Rumford
HoD – Science.

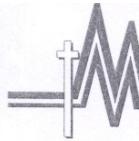
Perth College – Founded 1902

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Neerushana Jehanathan
Young Nanotechnology Ambassador Award 2006



BUNBURY CATHOLIC COLLEGE

22/11/2006

Neerushana Jehanathan
School of Mechanical Engineering
M050
University of Western Australia
35 Stirling Highway
CRAWLEY WA 6009

Re Nano Tecchnology Presentation @ BCC 2/11/2006

Dear Neeru,

Thank you for such a wonderful presentation that was of interest to all who attended. It certainly opened my eyes to better realize the amazing future possibilities of nanotechnology to improve the quality of our lives and solve the problems of our physical environment.

The power point and presentation were extremely useful tools in highlighting the significant advances that technology has made in recent times. This combined with well answered questions made this presentation most informative and memorable.

I was also pleasantly surprised that several of our students had encountered aspects of this field of science previously. They would certainly agree that it's most useful to hear from someone who is active in this area of work and research.

Kind regards

Peter Selby
Careers Advisor

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