

# Educational and Training Committee

- Thomas G. Bigley- Chair
- Director of Plumbing
- United Association of Journeymen and Apprentices of the Plumbing and Pipe Fitting Industry of the United States and Canada
- Home: Pittsburgh, PA
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# World Plumbing Council Annual Scholarship Since 2003

- WPC awards two **\$10,000** scholarships annually for Education and Training
- One for Developed Nations
- One for Least Developed and Developing Nations



# Scholarships Provide Training Opportunities

- All members of the plumbing industry are invited to apply for these scholarships.
- The scholarships are intended to provide for an educational exchange between countries focusing on improving plumbing training.
- Participants experience the culture, language and work practices of other countries.
- They build networks and relationships between countries that last forever.





# Sharing Technology

- Our partners in this challenge:
- Plumbing Engineers
- Manufacturers
- Code and standards officials
- Vocational schools, Universities and colleges
- Trade groups
- Social media
- Governments
- Plumbers



# 2016 WPC Scholarship Winners

- **Least Developed and Developing Countries: \$10,000**
- 4 Applications were received
- The selection committee approved the nomination of:
  - Ryan Lee Marsh
  - Cape Town, South Africa
  - Wishes to study in Australia
  - Worked community plumbing challenge



# 2016 WPC Scholarship Winners

- **Education and Training scholarship: \$10,000**
- 5 Applications were received
- The selection committee approved the nomination of:
  - Dr. Nitin Mohite
  - Shivaji Nagar Pune, India
  - Wishes to study in Switzerland



# Deadline for Applications is Sept. 22, 2017



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stems which can be applied to improve standards in their own

The program also enables participants to experience the culture, language and work practices of other countries and provides a platform for networking and relationship building.

Applicants are encouraged to focus on these areas during their scholarship program:

- Identification of emerging vocational training needs and trends
- Plumbing training and education to address the environment and sustainability issues
- The value of water efficiency to the community and the Plumbing Industry
- How does plumbing training or lack of training affect public health in a country or region?

Applications close on the **22 September 2017** and the WPC would like to encourage candidates from all areas of the global Plumbing Industry to apply.

For information on least developed countries go to

[http://www.nationsonline.org/oneworld/least\\_developed\\_countries.htm](http://www.nationsonline.org/oneworld/least_developed_countries.htm)

For information on developing countries go to: <http://www.isi-web.org/component/content/article/5-root/root/81-developing>





# World Plumbing Council Scholarship 2015

- A Comparative Educational Study of Plumbing and Training between:

Hong Kong and England

by

Dr. Simon Reddy, Master Plumber





# World Plumbing Council



- This report describes Dr. Reddy's research experiences .
- The key aim of this study was to better understand the quality of the students' training experiences, by comparing the differences in approaches between the two countries.
- Dr. Reddy will describe his journey from start to finish and make this report available to everyone on the WPC website.

# Hong Kong, China

- Visited 10 various Training facilities: Institutions, colleges and workplaces.

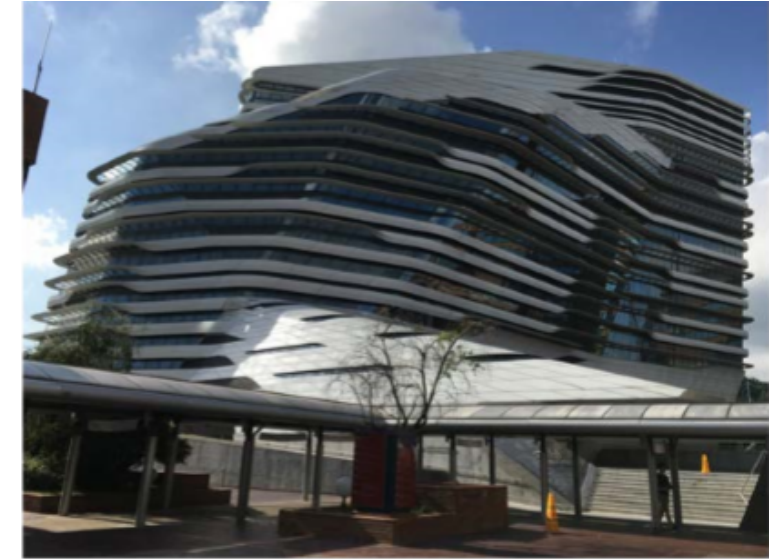
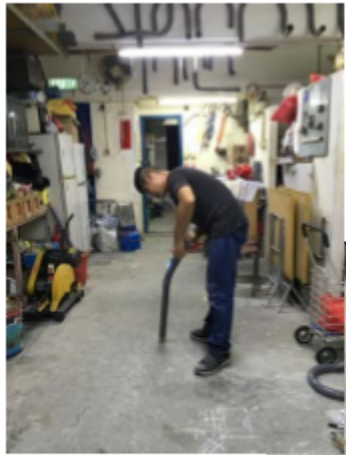


Figure 4 Hong Kong Polytechnic University

Figure 10 Plumbing Technology Student Association

Figure 5 High-fidelity simulation at Hong Kong Polytechnic University

# Differences

- Hong Kong used more practical hands on training than England.
- Hong Kong had superior training simulators and modules.
- Job placement during training is critical to training success. Hong Kong graduation rate in 90% range.
- Dr. Reddy will implement new training procedures that he observed in Hong Kong to England.





# WPC Scholarship New Initiatives

- Solicit funds from industry partners
- Team manufacturers with applicants through sponsorships
- Increase scholarship amount
- Make more scholarships available
- Create new blueprint for applications
- Instead of writing essay make a video
- Change guidelines for winning scholarships on how they use the money for study
- Sponsors will be recognized on website



# Better Access to Global training

- Develop E-learning opportunities for WPC members.
- Create annual partnership with UA Instructor Training Program in US.
- Generate WebEx Regional Training seminars.
- Produce basic standards for products and code development on website.
- Create basic “How To” videos . Ex. How to build a new backflow lab, or fixture setting module.





# WPC Template for Donations

## WPC Executive Board

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Australia

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India

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Director  
USA

**Kevin Wellman**  
Director  
United Kingdom

Every little drop helps fill a bucket.

The World Plumbing Council <link to WPC website>, an international organization that aims to develop and promote the image and standards of the plumbing industry worldwide, offers two scholarship opportunities, one for applicants from developed countries and another for developing or least developed countries. We need sponsorship support to enhance these programs.

The scholarships <link to scholarships page>, which are available to all members of the plumbing industry, provide an educational exchange between countries focused on training while also exposing the participants to new technologies and innovations in training systems. They also provide an opportunity to increase awareness of the contribution that plumbing has made to global health and the environment. Participants gain knowledge of the industry, technology, training and systems, which then may be applied to improve standards in their own countries.

The program also enables participants to experience the culture, language and work practices of other countries and provides a platform for networking and relationship building.

We are seeking donations in order to increase both the number of recipients and the value of the scholarship. Previously there was only one \$10,000 recipient per year from each category. Due to the success of these scholarships, the WPC would like to expand the list of winners and the scholarship amount to \$25,000.

All sponsors' logos will be included on the WPC scholarship testimonials webpage <link here to new webpage>, where benefactors may read the reports of past recipients recounting their experiences. The reports are glowing testimonials of what the recipients learned and brought back to their home countries.

*"The Germany experience was of an elevated nature. The learning exposure and occurrences was second to none. It provided me with a wealth of revelations that would go a long way in my career, professional and personal development ... Accepting this scholarship was a worthwhile investment as an individual. Not financially but for academic and personal development."*

Abede Mack MBA, BA (Hons), 2014 WPC Education and Training  
Scholarship recipient

All tax-deductible donations are welcomed; no contribution is too small to make a difference.

To donate, click [here](#) or send a check to the World Plumbing Council at <address here>.





Founded 1889

**United Association** of Journeymen and Apprentices of the  
Plumbing and Pipe Fitting Industry of the United States and Canada

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General Office File Reference: TGB

**Mark McManus**  
*General President*

**Patrick H. Kellett**  
*General Secretary-Treasurer*

**Michael A. Pleasant**  
*Assistant General President*

March 7, 2017

Mr. John Smith, President  
Your Company, LLC  
1234 Any Street  
Any City, USA 12345

Reference: WPC Fundraiser

Dear Mr. Smith,

Every little drop helps fill a bucket.

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Director  
USA

**Kevin Wellman**  
Director  
United Kingdom

# WPC Template for Recruitment

Do you have talented students within your program who are going places?

The World Plumbing Council [<link to WPC website>](#), an international organization that aims to develop and promote the image and standards of the plumbing industry worldwide, offers two scholarship opportunities, one for applicants from developed countries and another for developing or least developed countries. We need candidates who meet the criteria to apply for these opportunities.

The scholarships [<link to scholarships page>](#), which are available to all members of the plumbing industry, provide an educational exchange between countries focused on training while also exposing the participants to new technologies and innovations in training systems. They also provide an opportunity to increase awareness of the contribution that plumbing has made to global health and the environment. Participants gain knowledge of the industry, technology, training and systems, which then may be applied to improve standards in their own countries.

The program also enables participants to experience the culture, language and work practices of other countries and provides a platform for networking and relationship building.

In the past we selected one recipient per year from each category. Due to the program's success we are increasing both the number of recipients and the value of each scholarship, which could be worth as much as \$25,000.

On the WPC scholarship testimonials webpage [<link here to new webpage>](#), you may read the reports of past recipients recounting their experiences. The reports are glowing testimonials of what the recipients learned and brought back to their home countries.

*"The Germany experience was of an elevated nature. The learning exposure and occurrences was second to none. It provided me with a wealth of revelations that would go a long way in my career, professional and personal development ... Accepting this scholarship was a worthwhile investment as an individual. Not financially but for academic and personal development."*

Abede Mack MBA, BA (Hons), 2014 WPC Education and Training  
Scholarship recipient

Are you, or do you have in your program, an energetic, outgoing person who is willing to visit and learn from another country's best practices and bring that knowledge back to improve his or her country's plumbing industry?

Please visit [<link>](#) for more information about this life-changing opportunity to help advance your nation's health and safety.

Questions?

