



# Redefining the Bamboo Culture for Future Architects and Interior Designers in Polytechnic University of the Philippines

Jocelyn A. Rivera Lutap, MSArch, DPA

*Polytechnic University of the Philippines*

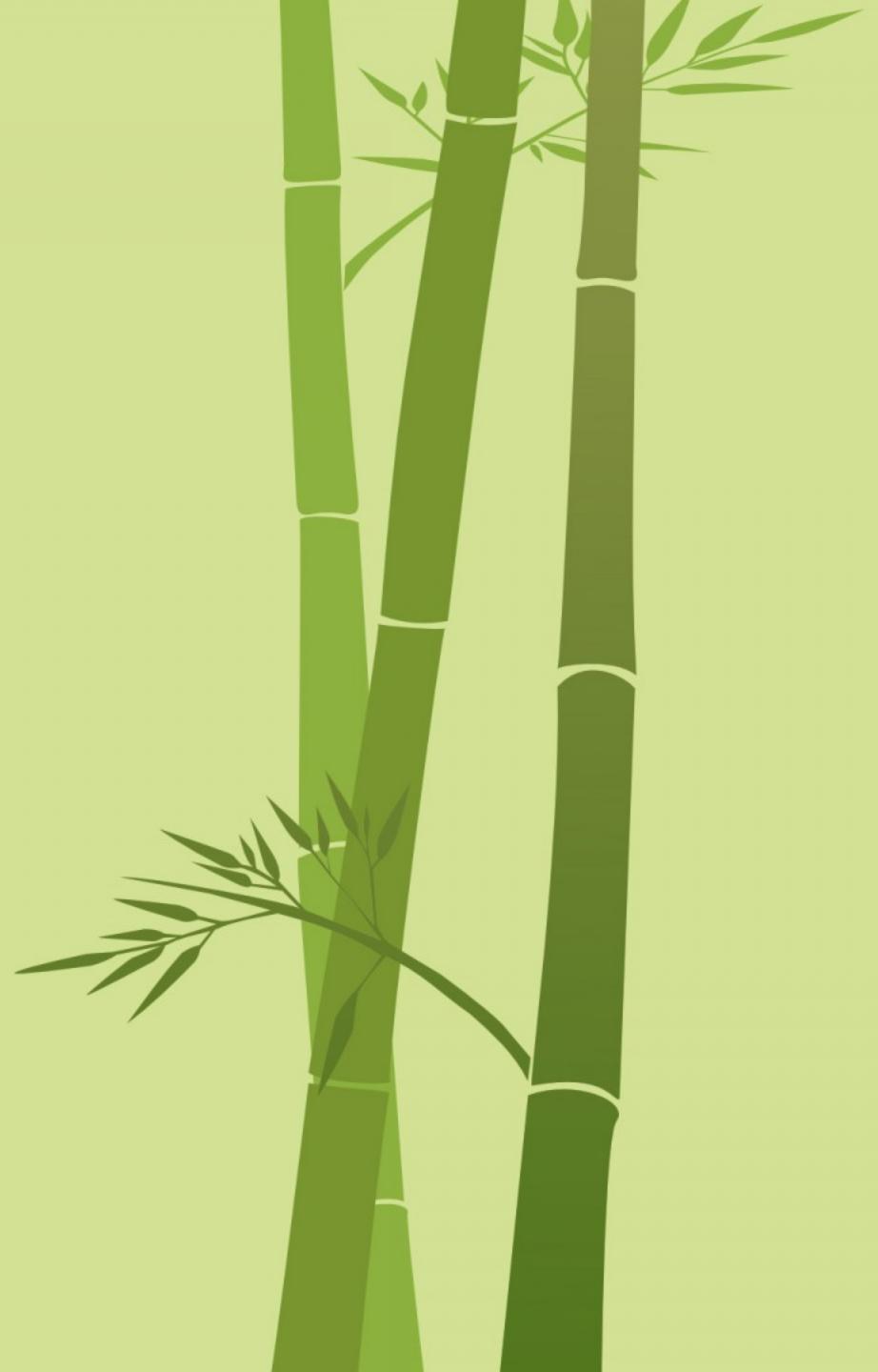
*College of Architecture and Fine Art*

*Department of Architecture and Interior Design*



# Polytechnic University of the Philippines

one of the biggest state universities of the country  
both in number of programs and number of students





Transforming PUP into an epistemic community or a network of knowledge-based experts who help decision-makers define the problems they face, identify various policy solutions and assess the outcomes (Observer, 2012)

## 8-point agenda

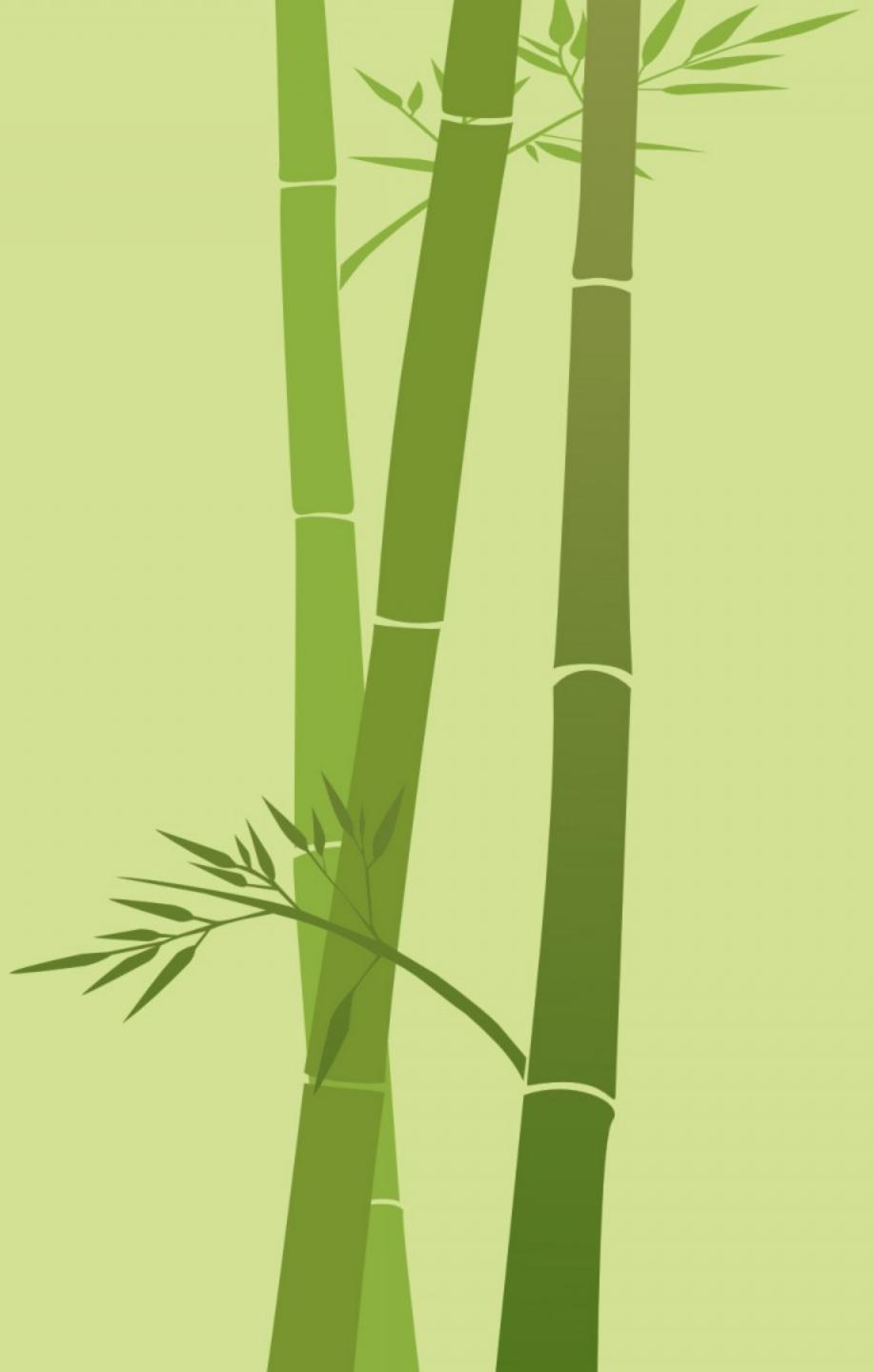
- 1. Pursuing Academic Excellence through Disciplinary Integrity**
- 2. Embedding a Culture of Research**
3. Assuring Transparency and Participatoriness in Giving Rewards and Sanctions
4. Modernization and Upgrading of Physical Facilities, Equipment, Library and Campus Development
5. Reconceptualization of Academic Freedom
6. institutionalizing Civil Society Engagement and Involved Extension Service Program
7. Fiscal Responsibility
8. Assessment of the Institutional Processes and Critical-Rational Review of the Entire Organization



# College of Architecture and Fine Arts

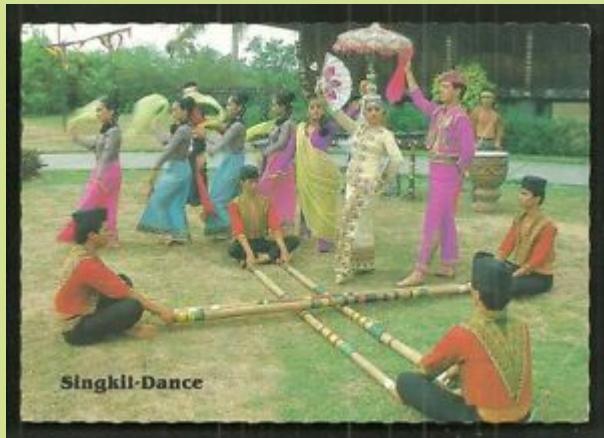
BS Architecture – 5 year program

BS Interior Design – 4 year program

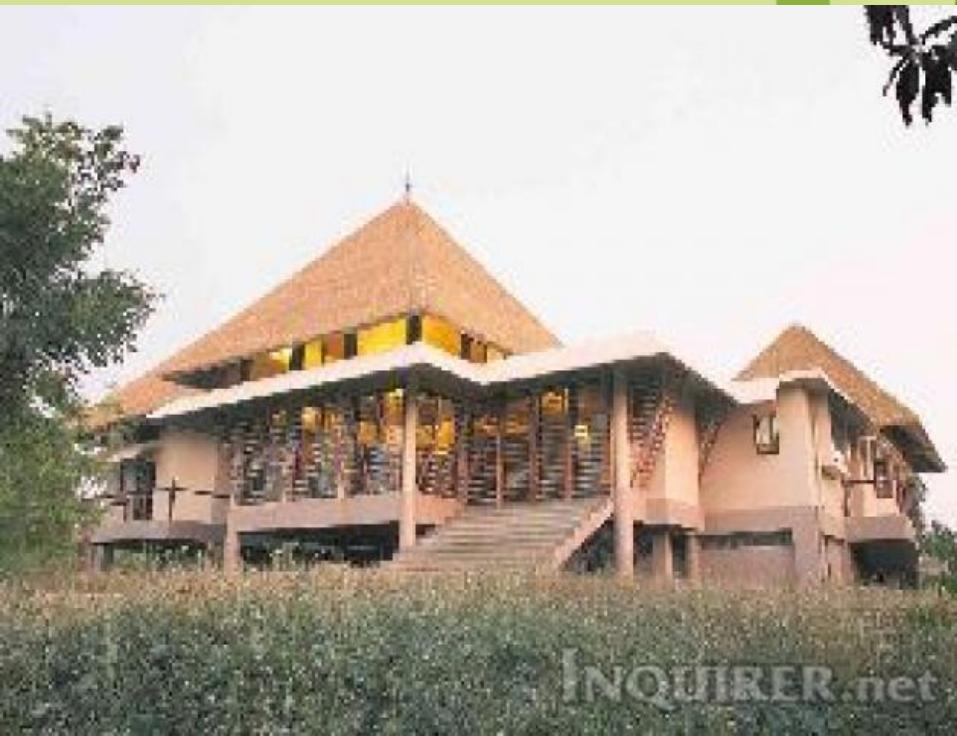




<http://www.bladeforums.com/forums/showthread.php/695934-about-Bamboo-as-a-cutting-implement>

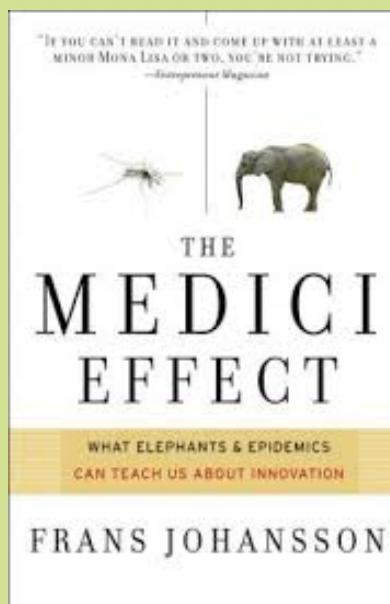




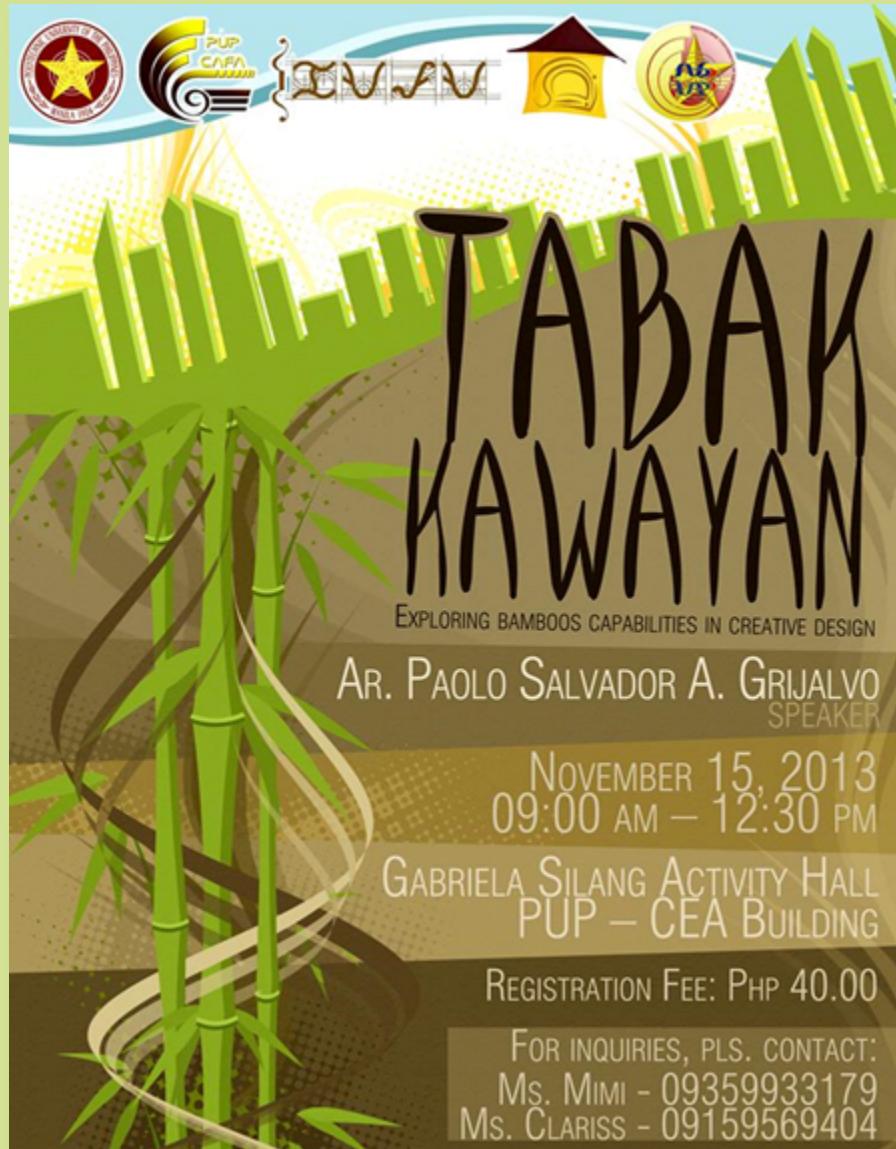




# The Medici Innovation Toolbox



# Response to the rediscovery of Bamboo as a construction material



## Objectives of the Bamboo Seminar and Workshop:

- To explore the different uses of bamboo as an architectural creative material.
- To create a bamboo design prototype that can be used afterwards.
- To create camaraderie between the students within the CAFA community







The bamboo seminar and workshop is a two day event composed of the following activities:

Day 1: Lecture and Seminar (September 2, 2014 | 01:00 PM –05:30 PM)

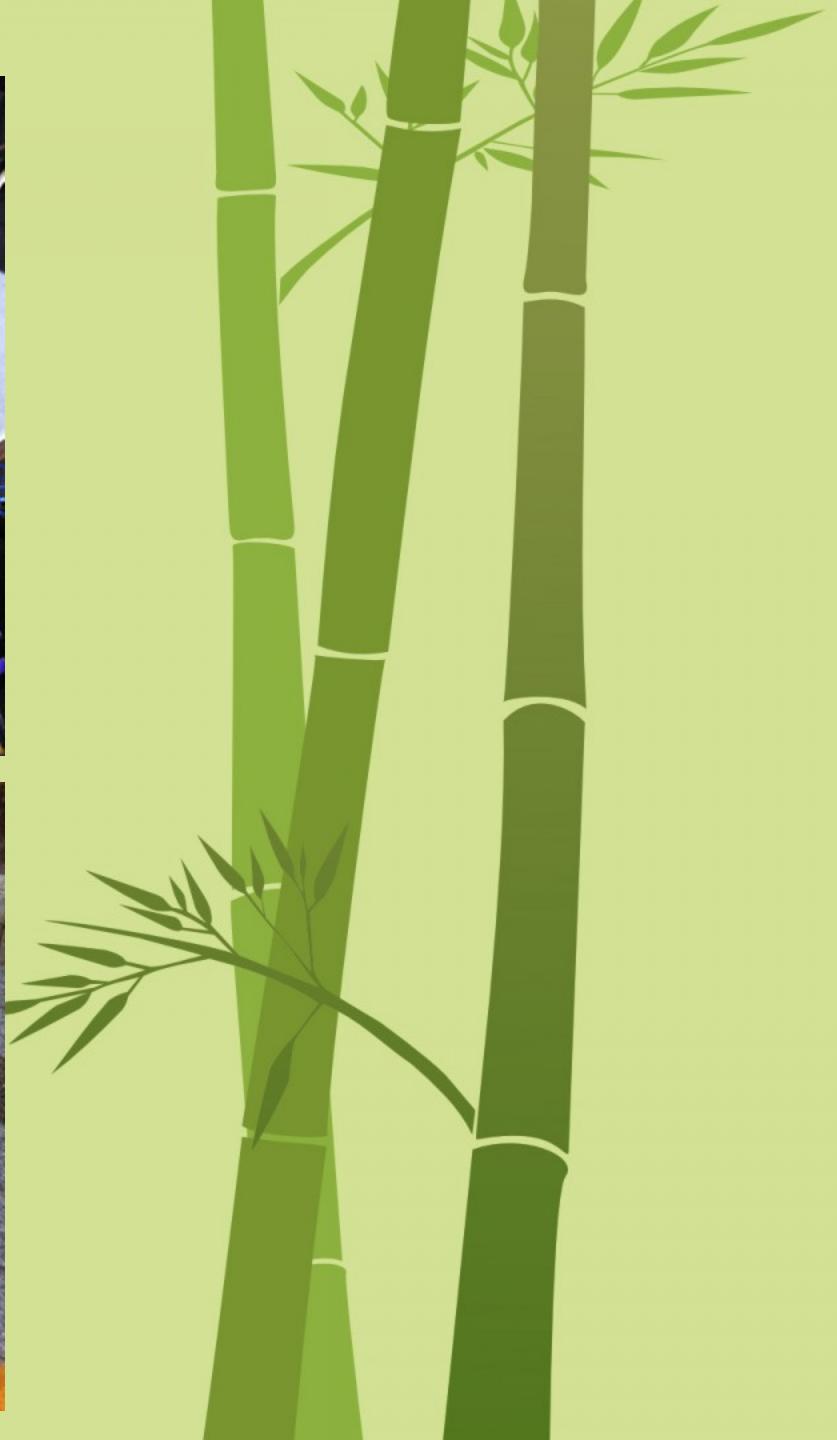
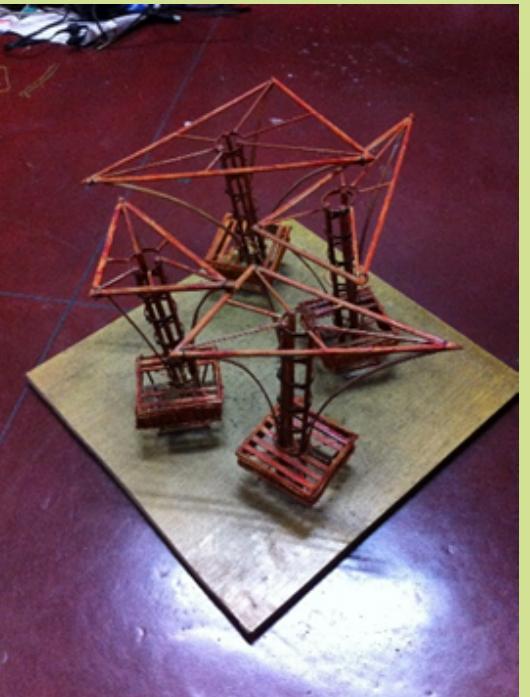
- I. Invocation & National Anthem
- II. Opening Remarks/Welcome Address (Architect Ted Inocencio)
- III. Introduction of Lecturer (Architect Jocelyn Rivera-Lutap)
- VI. Lecturer (Ar. Mercado)
- V. Open Forum
- VI. Presentation of Certificate
- VII. Closing Remarks

Day 2: Presentation of Bamboo Prototypes (September 8, 2014 | 01:00 PM –05:30 PM)

- I. Opening Prayer and & National Anthem
- II. Opening Remarks by Ar. Mercado
- III. Presentation (5 minutes each)
- VI. Closing Remarks (Ar. Mercado)

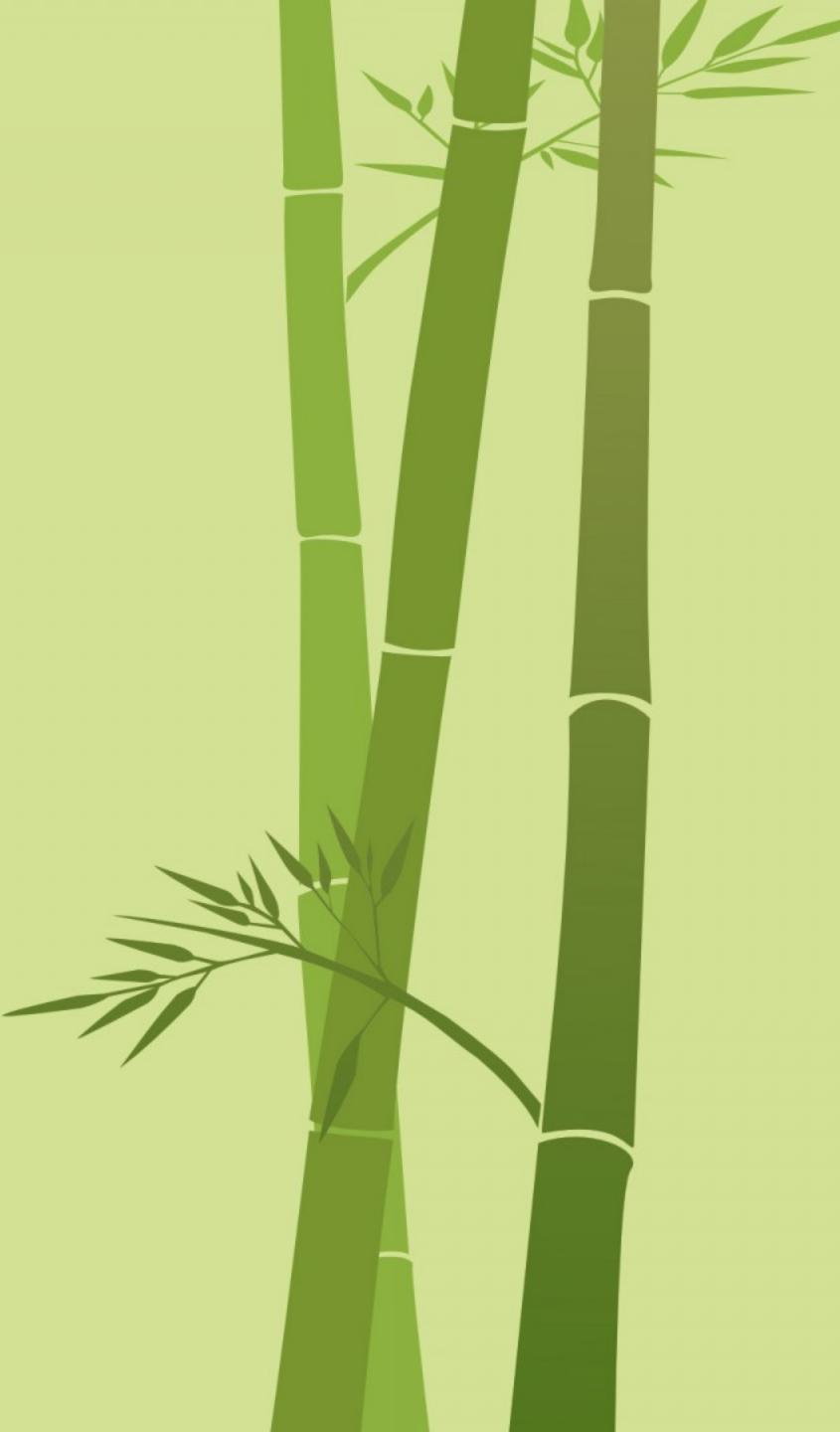






The lessons of creating a culture of innovation and heightening the level of creativity through the use of bamboo can be summarized into the following steps:

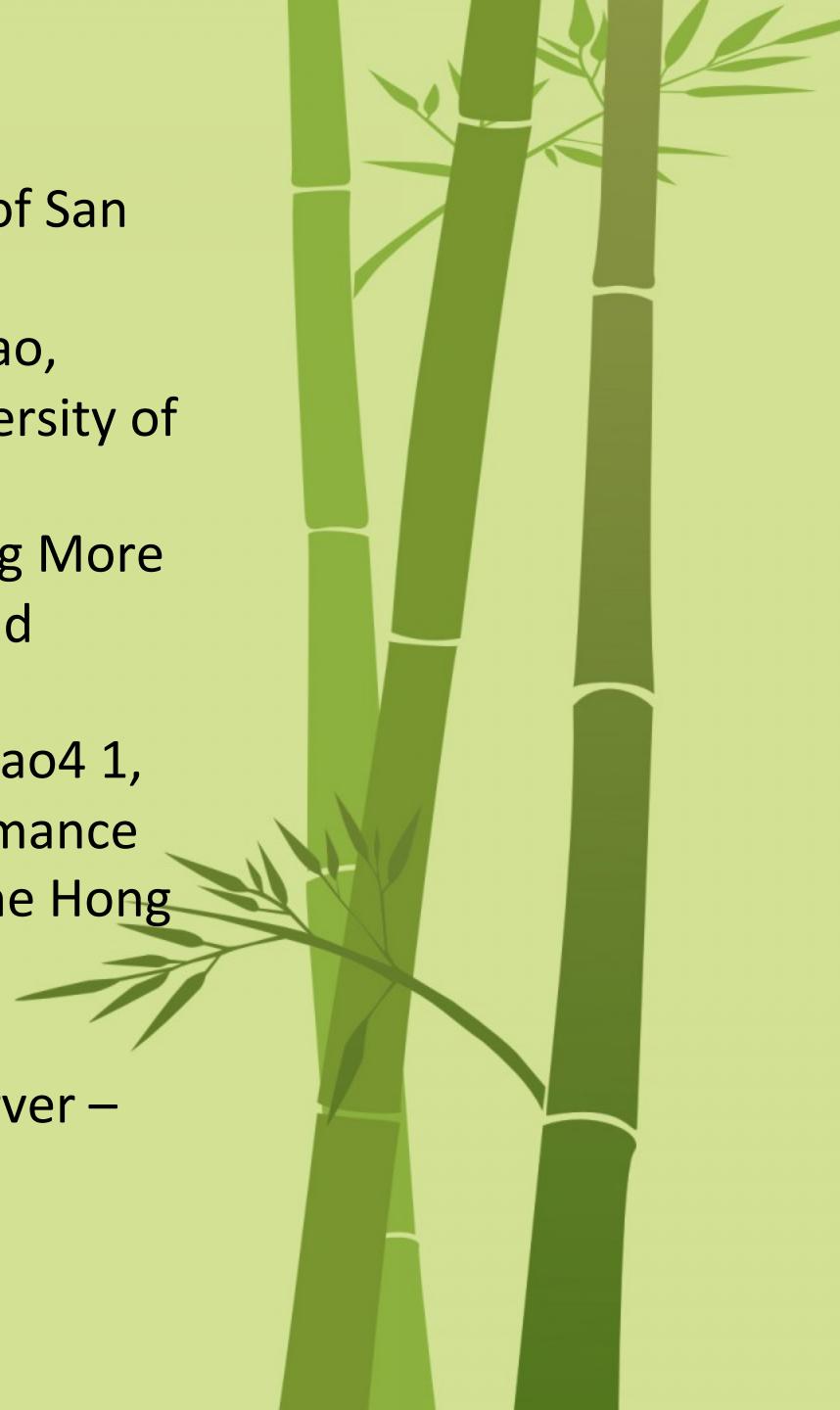
1. Awareness
2. Commitment to collaborate.
3. Establish a strong support system.
4. Promote.
5. Continuously innovate





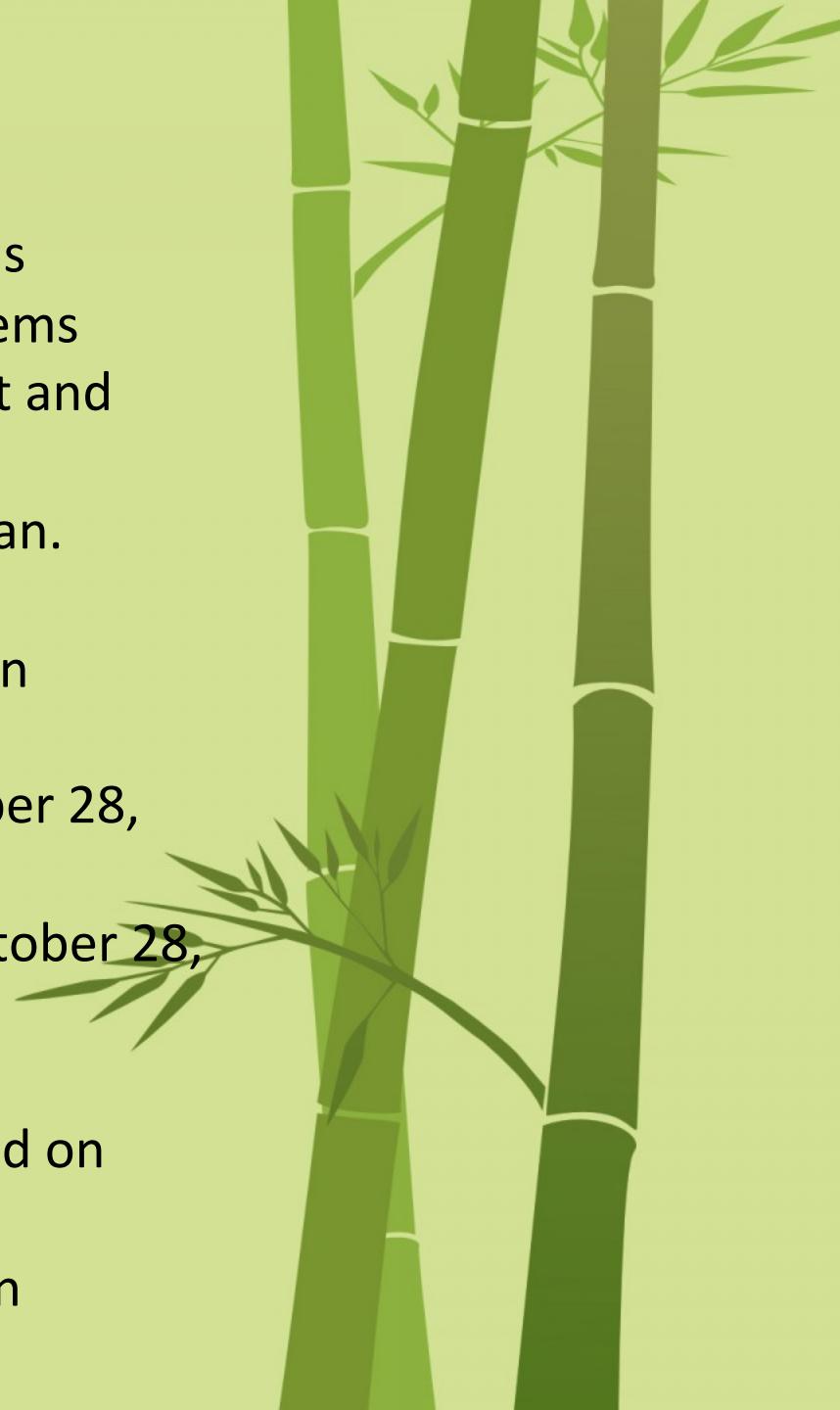
## Bibliography

1. Balangcod, T.D. Philipp. Scient. 47: 1–26 © 2010, University of San Carlos Press Indigenous Plant Resources for Houses and Construction Materials Used by the Kalanguya in Tinoc, Ifugao, Philippines Department of Biology, College of Science University of the Philippines Baguio, Baguio City
2. Kasper,G; Clohesy.S 2008 Intentional Innovation How Getting More Systematic about Innovation Could Improve Philanthropy and Increase Social Impact W. K. Kellogg Foundation
3. Li-Yin Shen<sup>1</sup>, Jian Li Hao<sup>2</sup>, Vivian Wing-Yan Tam<sup>3</sup> and Hong Yao<sup>4</sup> 1, 2, 4 Aug 2007 A Checklist for Assessing Sustainability Performance of Construction Projects. Dept of Building and Real Estate, The Hong Kong Polytechnic University, Hong Kong 3 Griffith School of Engineering, Griffith University, Australia
4. President's Message Volume 1, Issue 1, June 2012 The Observer – The Official Publication of the Polytechnic University of the Philippines



## Bibliography

5. Roxas, C.A.;M. S. Tangan,F.T.; Virtucio, F.D. DENR Recommends Volume 9, 2000 Ornamental Bamboos for Urban Parks Ecosystems Research and Development Bureau Department of Environment and Natural Resources College, Laguna 4031
6. Rubens, R. ©2010 International Network for Bamboo and Rattan. Bamboo in sustainable contemporary design
7. [http://www.bambooman.com/bamboo\\_organ.php](http://www.bambooman.com/bamboo_organ.php) Retrieved on October 28, 2014
8. <http://www.likha.org/galleries/tinikling.asp> Retrieved on October 28, 2014
9. <http://ccat.sas.upenn.edu/tagalog/singkil.htm> Retrieved on October 28, 2014
- 10.[http://www.bioversityinternational.org/fileadmin/bioversity/publications/Web\\_version/572/ch30.htm#TopOfPage](http://www.bioversityinternational.org/fileadmin/bioversity/publications/Web_version/572/ch30.htm#TopOfPage) Retrieved on 10/27/2014
11. <http://www.pup.edu.ph/about/logosymbols.aspx> Retrieved on 12/31/14



# Thank you

