

*Paliwanagan sa UP Diliman* – OVCRD Colloquium 2012 aims to: 1) showcase OVCRD-funded research and development (R&D) projects, programs, and initiatives, 2) discuss available institutional support to UPD researchers and creative workers, 3) acquaint UPD constituents about research and creative work initiatives of their colleagues in other UPD units, and 4) highlight the complete R&D cycle from proposal writing through intellectual property (IP) creation and invention, to IP dissemination and utilization.

The event's theme, *Paliwanagan*, takes off from colloquium's literal meaning, i.e. a conversation or dialogue. *Paliwanagan sa UP Diliman*, therefore, is envisioned as a platform for dialogue among UP Diliman researchers and creative workers, a dialogue that is to be conducted in the spirit of *exchange and understanding*. As such, the Colloquium sessions have been designed as a venue for sharing research information, experiences and insights between the presenters and the attendees. A parallel event featuring OVCRD information booths, UP Diliman publications, and information about UPD's research partners provides a glimpse into the broader context of the R&D process, in terms of various forms of institutional support and other opportunities available to UPD researchers and creative workers. Through the sessions and the parallel event, the OVCRD hopes that the UP Diliman community will gain a better understanding of how R&D progresses in the campus, leading to a sharing of inputs on how a responsive, proactive and dynamic R&D program can be better achieved in UP Diliman, making the University a source of solutions for the problems besetting the country.

The Colloquium's goals are aptly captured in the event's logo. The spiral of the nautilus shell reminds of a vitality guided by the golden ratio or phi constant, which embodies the ideals of what is dynamic, organic, and harmonious. While slightly differing from the golden spiral, the nautilus shell has been symbolic of a growth that incorporates the past within the present. Rooted to learned lessons, each former spiral serves as basis for the formation of future spirals, reminding that future development is driven and guided by a central vision. Circular endpoints of some light rays in the logo correspond to already realized R&D. Rays without definite endpoints imply a promise of continuous support as intended by *Paliwanagan* and its organizer, the Office of the Vice-Chancellor for Research and Development. The UP maroon and green hues demonstrate how the University's mission always remains a foundation for *Paliwanagan* and all R&D initiatives in the campus.

*Logo design by Aleth A. Gayosa*

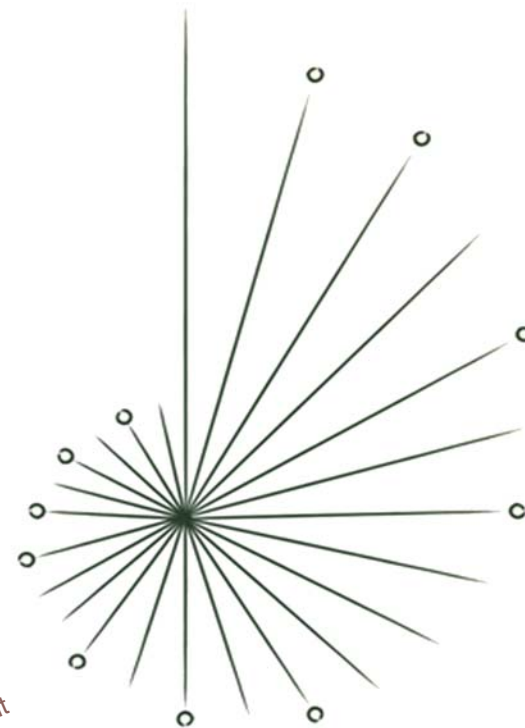
Online pre-registration for this event is open. Please email [lj.novio@gmail.com](mailto:lj.novio@gmail.com) with the following information: attendee's name, sector (e.g. faculty, REPS, graduate student, undergraduate student, etc.), and College/Unit Department. Graduate students are also requested to indicate their degree program and faculty adviser.

For updates and details about the Colloquium, you may visit the OVCRD website (<http://www.ovcrd.upd.edu.ph>), call 927-2568/436-8720/981-85-00 local 4048 or email [rduo.ovcrd@up.edu.ph](mailto:rduo.ovcrd@up.edu.ph)

## PALIWANAGAN SA UP DILIMAN

Office of the Vice-Chancellor  
for Research and Development  
Colloquium 2012

16 January 2012 • 8AM to 5PM  
National Institute of Physics  
National Science Complex  
UP Diliman



*This serves as an invitation*

<b>8.00 – 8.30 AM</b>	Registration			<b>12.35 – 1.30 PM</b>	Lunch Break		
<b>8.30 – 8.35 AM</b>	Opening Remarks			<b>1.30 – 2.40 PM</b>	Source of Solutions Grants: Presentation of Research Plans		
<b>8.35 – 8.55 AM</b>	Messages				Glosaryo ng mga Konseptong Heograpikal sa Pilipinas – Phase I: Glosari ng mga Konseptong Heograpikal para sa Katatagan sa Kalamidad at Pangangalaga sa Kalikasan	The UP Diliman Handbook on Academic and Authorial Integrity	Academic Success in the UP College of Education Graduate Programs, Admission Practices, and Development of Parallel Admission Test
<b>8.55 – 10.15 AM</b>	Open Grants: Presentation of Outcomes				Program Leader: Dr. Maria Luisa R. de Leon-Bolinao, Department of History, College of Social Sciences and Philosophy	Project Leaders: Mr. Joel F. Ariate, Jr. & Mr. Miguel Paolo P. Reyes, Third World Studies Center, College of Social Sciences and Philosophy	Project Leader: Dr. Norma G. Cajilig, Division of Educational Research and Evaluation, College of Education
	Cultural Heritage Conservation – Affordable Solutions for a South East Asian Setting	Understanding Philippine Foreign Policy through New Frames: The Complex Interplay of Ideals, Identity, Institutions and Interests	Development of Interdisciplinary Signal Processing (ISIP) Program: Filipino Vowels and Emotions (FIVE)		Program Leader: Dr. Rowena Cristina L. Guevara, Electrical and Electronics Engineering Institute, College of Engineering		
	Program Leader: Dr. Maricor N. Soriano, National Institute of Physics, College of Science	Program Leader: Dr. Aileen S.P. Baviera, Asian Center			Standardization of the UP College of Music Undergraduate Theory Entrance Test	STFAP and Social Protection: Recommendations for Streamlining and Expansion	Process Documentation: Capturing and Documenting the Data Encoding and Forms Processing Routines of the Office of Admissions
	A Multidisciplinary Participatory Action Research (PAR) towards Enhancing Children’s Health and Development in a Rural Community	OPEN FORUM			Project Leader: Prof. Jocelyn Timbol-Guadalupe, Department of Music Education, College of Music	Project Leader: Dr. Aleli B. Bawagan, Department of Community Development, College of Social Work and Community Development	Project Co-Leader: Prof. Ligaya Leah Lara-Figueroa, Department of Computer Science, College of Engineering
	Program Leader: Prof. Rainier V. Almazan, Department of Social Work, College of Social Work and Community Development	Moderator: Dr. Belen D. Calingacion, Department of Speech Communication and Theatre Arts, College of Arts and Letters					
<b>10.15 – 10.30 AM</b>	Break				OPEN FORUM		
<b>10.30 – 11.20 AM</b>	Open Grants: Presentation of Outcomes				Moderator: Prof. Maureen Anne L. Araneta, College of Architecture		
	Community Empowerment: An Interdisciplinary Research on Alternative Model towards Sustainable Tourism	University-Industry Collaboration to Advance Growth, Competitiveness and Innovation in Pampanga Lantern Industry	OPEN FORUM	<b>2.40 – 3.30 PM</b>	Source of Solutions Grants: Presentation of Research Plans		
	Project Consultant: Prof. Emilio U. Ozaeta, College of Architecture	Program Leader: Dr. Julieta C. Mallari, UP Diliman Extension Program in Pampanga/Olongapo	Moderator: Dr. Florencia Charito I. Sebastian, UP Diliman Extension Program in Pampanga/Olongapo		Proposed Schemes for Cost-Effective Utilization of Electricity of UP Diliman Buildings	Determination of Thermophysical Properties of Tap Water in University of the Philippines Diliman	Solid and Hazardous Waste Management Plan of UPD Campus
<b>11.20 – 11.35 AM</b>	UPD-CHEd Zonal Research Center: Accomplishments				Project Leader: Prof. Maureen Anne L. Araneta, College of Architecture	Program Leader: Dr. Menandro S. Berana, Department of Mechanical Engineering, College of Engineering	Program Leader: Dr. Maria Antonia N. Tanchuling, Institute of Civil Engineering, College of Engineering
	Presentation of Accomplishments of UPD-CHEd Zonal Research Center				Noise Level Measurement and Modelling in UP Diliman Campus	OPEN FORUM	
	Dr. Joselito P. Duyanen, Director, UPD-CHEd Zonal Research Center				Project Leader: Dr. Hilario Sean O. Palmiano, Institute of Civil Engineering, College of Engineering	Moderator: Dr. Lourdes M. Portus, Department of Communication Research, College of Mass Communication	
<b>11.35 – 11:45 AM</b>	Source of Solution Grants: The Launch			<b>3.30 – 3.50 PM</b>	Break		
<b>11.45 AM – 12.35 PM</b>	Source of Solutions Grants: Presentation of Research Plans			<b>3.50 – 4.50 PM</b>	Source of Solutions Grants: Presentation of Research Plans		
	A Study of the Prevailing Conditions and Services of <i>Carinderias</i> and Street Foods in UP Diliman Campus	Preservation and Restoration of Philippine Art Music Manuscripts of UP College of Music	Establishing the 3D Campus GIS of UP Diliman (UPDGIS-3D)		Evaluation of the Re-Introduction of Traffic Signal Control at the Intersection of the University Avenue and Commonwealth Avenue	The Greening of the Philippines Starts @ UP: A Proposal for Environmental Management System (EMS) for the University of the Philippines System	Incentives vs. Disincentives for Going Green: Is UP Diliman Ready for Environment-Friendly Programs and Services?
	Project Leader: Prof. Maria Corazon Elizabeth S. Asiddao, Department of Hotel, Restaurant and Institution Management, College of Home Economics	Program Leader: Dr. Jose S. Buenconsejo, College of Music	Program Leader: Dr. Ariel C. Blanco, Department of Geodetic Engineering, College of Engineering		Project Leader: Dr. Ricardo G. Sigua, Institute of Civil Engineering, College of Engineering	Program Leader: Dr. Romeo B. Santos, College of Architecture	Program Leader: Dr. Elena E. Pernia, Department of Communication Research, College of Mass Communication
	Rapid Condition Assessment of Major Buildings in the University of the Philippines Diliman and a Case Study for Seismic Retrofit Design of One of Its Buildings	OPEN FORUM			Public Transport Supply and Demand Study for UP Diliman	Diliman as a Model for Philippine Urban Planning – Phase 1: Housing	OPEN FORUM
	Program Leader: Dr. Jaime Y. Hernandez, Jr., Institute of Civil Engineering, College of Engineering	Moderator: Dr. Henry J. Ramos, OVCRD/National Institute of Physics, College of Science			Project Leader: Dr. Cresencio M. Montalbo, Jr., School of Urban and Regional Planning	Program Leader: Dr. Laura T. David, Marine Science Institute, College of Science	Moderator: Dr. Maria Antonia N. Tanchuling, Institute of Civil Engineering, College of Engineering
				<b>4.50 – 5.00 PM</b>	Closing Remarks		