



ISSN 0119-6634

# Ti Similla

Official Newsletter of the Academic Staff • UP Baguio • June 2010

## UP Baguio Professor in Physics and Vice Chancellor for Academic Affairs wins 2009 CHED Republica Award

VCAA Alipio T. Garcia was given recognition as the regional winner for natural sciences for the 2009 CHED Republica Awards in ceremonies held on May 19, 2010 at the CHED Auditorium, UP Diliman. In the past three years, Dr. Garcia published three articles on low dimensional semiconductor structures such as quantum wires and quantum dots. The first article, "Influence of As<sub>4</sub> flux on the growth kinetics, structure, and optical properties of InAs/GaAs quantum dots," was published in the *Journal of Applied Physics*, in 2007. This was followed by two more articles, "Surface Structure dependent growth of InAs/InAlAs quantum wires on InP(100)" and "Strong enhancement of terahertz emission from GaAs quantum dot structures," published in *Advanced Materials Research* and *Applied Physics Letters*, respectively. Two of these ISI journals are published by the American Institute of Physics. These studies on low dimensional semiconductor structures have contributed to new knowledge in the emerging field of terahertz science and technology. (From Nomination Form, College of Science)

Garcia obtained his undergraduate degree in mathematics from UP Baguio in 1985. He took his masters in physics from the National Institute of Physics at UP Diliman and his doctorate in physics, also from NIP.

Garcia has read several papers in local and international conferences. A paper read at Halong City, Vietnam for the 1<sup>st</sup> IWOFM-3<sup>rd</sup> IWONN Conference in 2007 is entitled "Tailoring the Emission Characteristics of InAs Quantum Dots by Varying the Arsenic Pressure." This was co-authored by several NIP researchers and three other scientists from the Institute of Materials Research and Engineering, Singapore. Two other papers, also in co-authorship, were read at the International Conference on Materials for Advanced Technologies (ICMAT 2007) in Singapore. One of these is entitled "Control of the Surface Morphology of MBE\_Grown InAlAs and InGaAs Layers on InP via Manipulation of In Content."

Garcia has several other ISI publications. The latest, published in *Optical Materials* (May 2010), was a co-authored research entitled "Investigation of the terahertz emission characteristics of MBE-grown GaAs-based nanostructures."



Garcia was also co-proponent of the UPB BS Physics program, instituted in 2002, and the design and fabrication of a DC/RF Magnetron Sputtering Facility and a Resistive Heating and Electron Beam Metallization Facility. Both facilities are housed at the Condensed Matter Physics Laboratory, National Institute of Physics.

Other awards and citations Garcia has garnered were two first prizes, in 2003 and 2005, from PCASTRD Search for Outstanding R & D in Advanced Science and Technology for a research program by his group, headed by Dr. Arnel Salvador; the 2008 PCASTRD Most Outstanding Dissertation, Material Science Cluster; and Gawad Tsanselor, UP Baguio, 2007.

Garcia continues to do research in growth of semiconductor quantum dots and quantum *pin* structures, and electrical and optical characterization of semiconductor layers. He is likewise planning to put up a research group in solar energy studies. ■

# UPB Faculty join Arts Criticism Workshop

■ Scott Saboy

12 aspiring critics, including two faculty members of the College of Arts and Communication (CAC), were named as fellows to the 2nd [Jeremias Elizalde Navarro](#) (JEN) National Seminar Workshop on Arts Criticism held on 23-29 May 2010 at [Colione Hotel](#) along Easter Road, Baguio City.

They were Aidel Paul Belamide (UPLB), Mary Jessel B. Duque (UPD), Alona U. Guevarra (ADMU), Alvin Ringgo C. Reyes (STC), Frank Lloyd B. Tiongson (UPD), Jaymee Siao (UST), Karren Sena (UST), Joanna Parungao (UST), Luigi Eraneta (AdMU), and Anne Ensomo (AdMU). From UP Baguio Grace Subido and myself were given slots for the workshop.

The workshop was sponsored by the [Varsitarian](#), the eight-decade old student publication of the [University of Santo Tomas](#) (UST). It sought not only to honor J. Elizalde Navarro, one of the country's 14 National Artists for the Visual Arts, but also to serve as part of the long line of activities in the run-up to UST's 400th year anniversary in 2011.

Serving as panelists were the following professors/writers: Ferdinand M. Lopez (UST), Oscar Campomanes (ADMU), Gary Devilles (ADMU), Ralph Galan (UST), John Jack Wigley (UST), Nerisa del Carmen Guevarra (UST), and Lito Zulueta (UST).

Aside from the constructive criticisms of the sample critical works of the fellows, the weeklong learning event also included lectures on the "Etymological Critique of 'Critique'" and "Kamalang Popular Bilang Pagsusuring Pulitikal" by Profs. Oscar Campomanes and Gary Devilles, respectively. Another highlight of the seminar-workshop was a visit to the famous [BenCab Museum](#) where panelists and fellows interacted with National Artist for the Visual Arts Benedicto Cabrera (BenCab) who graciously served as tour guide through the museum's 10 art galleries and around his backyard organic farms. Ben Cab's art collections already had some of the young critics toying with their next arts criticism projects.

The museum tour was followed by another fruitful interfacing with UPB-[Cordillera Studies Center](#) (CSC) director and cultural/literary critic [Delfin L. Tolentino, Jr.](#) Prof. Tolentino shared his academic journey through "new-fangled theories" and his early struggles to "develop his faculties" while choosing to locate himself far from the center of the world of scholarship. He urged the fellows to develop a keen familiarity with the language of scholarship, but also cautioned against writing predictable narratives and writing from an academic affliction which he calls "citation complex." Asked how a critic can sustain his/her writing pursuits, he advised: "Put yourself in a situation where you are forced to write. That brings out the best masochist in you."

The JEN project is the only one of its kind in the country, the rest of the existing workshops being geared towards creative rather than critical writing. It was launched last year with 10 Manila-based fellows. This year, the organizers decided to open two slots for Cordilleran writers. Several of the papers submitted for criticism in the 1<sup>st</sup> and 2<sup>nd</sup> JEN workshops are slated for publication next year. ■

## UP Baguio Web Development Team enters second phase ■ Fara Manuel

In 2009, the UP Baguio Web Development team was born, along with it the aspiration to produce a better web presence. The team is composed of Jay Mapalo of the Office of the University Registrar, Frederick Pedregosa of the Office of Public Affairs, Yuichi Nañasca, OPA student assistant, and myself, Fara Manuel of the College of Arts and Communication Fine Arts program. We were mentored by Prof. Grace Subido, then OPA head. The initial meetings of the team consisted of planning, a very important phase in redevelopment, assessment of the previous website and technical preparation and training. Among the major concerns were effectiveness, aesthetics, upgrading and tasking. The major change proposed by the UP Baguio Web team was to completely transition to a new Content Management System (CMS), – an application that organizes the website's content, from Mambo to Joomla! CMS. All the content had to be produced under the new CMS. This entailed typing updated content and reorganizing the web architecture of the new website and creating a new template (visual design).

The Web team worked hard for the two-phase process to achieve its goals: Phase 1: Website Redesign – the layout, site architecture and content will be changed and updated and Phase 2: Decentralized Control. The website will open secured access to information officers of UPB Colleges and key offices in updating of content based on each group's need.

Web-usability is part and parcel of an effective website. The two main aspects involved are website layout and website architecture on which parts of the website are based. During the planning stage, the team kept in mind three priorities: 1) Serve the needs of the students, staff and outsiders (according to this specific order) 2) effectively deliver information and 3) keep things simple.

As the technical (we call it back-end) part of the production stage set forth, the visual design part needed major overhaul and had to undergo refinements as well. In this segment of the work, the UP System Brand book, the sourcebook that covers design conventions for use in UP-based corporate materials, came in handy. The Brand book contains specific conventions on UP logo/seal use as well as acceptable layouts and official colors. The Web team thoroughly reviewed the layout to meet the demands of the new UPB website. As the new website has become "live" and available in this first semester of academic year 2010-11, a fresh face of UPB unfolds. Its minimalist, clutter-free layout ensures that information is obtained quickly and without hassle.

For Phase 2 stage, the Web team will work to introduce the new language for use on the new UP Baguio website. This is the Joomla! CMS. How best to introduce a new system but through a hands-on training. Thus the Web team will be holding a **Joomla!: The Basics** workshop that will run from July through August (4 Mondays) at the Computer Science laboratory. This will ensure that the new website generates dynamic information since representatives from all sectors will learn to author changes in Web content themselves.

As the Web team gets participation from key groups, everyone becomes actively linked to the website's productivity. Let's not forget that the UP Baguio website is our face on the Web and as we go democratic, we stand united in pushing for positive change. ■

# NEW FACULTY 2010

*UP Baguio takes in a fresh crop of academics*

## College of Arts and Communication

### Ma. Carolina Bello

Carol is a BA Communication graduate of the UP College of Mass Communication. She has a masters in international studies and is pursuing a doctorate in communication from UP CMC in Diliman. Her undergraduate study culminated with work on gender, indigenous cultures and conflict resolution. Her final requirements for the masters degree consisted of various papers on gender, human rights, peace, conflict resolution, and global governance. Carol is now teaching Reading Media, Communication Ethics, and Fundamentals of Broadcast Writing here at UP Baguio. Among her other interests, Carol lists Chinese martial arts, football, volleyball, scuba/skin diving, mountaineering, music and theater.

### Ana Isabel Caguicla

Ana is a BA Linguistics graduate of UP Diliman. She was a lecturer in Komunikasyon 1 at what was then the Humanities Division of UP College Baguio. Other teaching assignments were at Beacon International School, Brent International School in Manila and the Linguistics Department of CAL, UP Diliman. She is back as lecturer, teaching Humanidades 1, BLL 115 (Development at Struktura ng Wikang Filipino), and BLL 101 (Introduction to Linguistics). Ana is "excited to see how things evolved from the last time [she] taught here."

### Earl Desuasido

Earl has a bachelor of fine arts from UP

Diliman; before this he earned a certificate in fine arts from UP Baguio. His work experiences: display officer for SM Baguio; refurbish painter and artist for Royal Caribbean Cruise Ships/International; and illustrator for C&E Publishing, Q.C. His undergraduate thesis was a study on the advertising/information campaign on what was then an unpopular government service, the screening of newborn babies for possible disorders.



### Io Jularbal

Io is a political science major from Saint Louis University. He taught at the University of the Cordilleras under the departments of English, and philosophy and social sciences. Io read a paper at the March 2009 Baguio Centennial Conference organized by the Cordillera Studies Center. The paper was entitled "Colonial Travel Writing on Baguio." In the abstract, Io writes: "This

paper argues that the tropes and images used by the foreign travel writers in representing native society contributed to the formation of an essentializing discourse that had persisted to modern times." (From Conference Proceedings). Io is now taking his masters in language and literature here at UPB, thesis writing stage.

### Flordeliz Rañola

Flordeliz is also a fine arts major from UP Diliman, major in visual communication. Prior to this teaching stint at UP Baguio, she worked as art director for *Hinge Inquirer Publication* and for *PDI's Junior Inquirer* section. For both, she did graphic design and layout. Flordeliz likewise did freelance photography. She is interested in pursuing work on digital photography as a form of art, apart from its use for commercial purposes. She now handles courses in editorial design and illustration, art management, art history, and materials.

### Jennifer Santos

Jennifer is an alumnus of UP Baguio, a major in journalism. She got her masters degree in communication research from UP Diliman this year. Jennifer worked as a business data analyst for one of ePLDT's ventus sites. This involved reporting the site's quality scores gathered from evaluation and monitoring. She also trained agents for new products. Alongside this job with ePLDT, Jennifer taught at Philippine Christian University. As a research interest, Jennifer speaks of applying Dr. Joey Lacson's theory of Filipino communicative behavior to transnationalism and migration among Filipino health care professionals with a Cordillera or Ilocano background.

*continued next page*

## College of Science

**Estrellita Corpuz**

Estrellita is presently a lecturer in Philippine folk dance, social dance and foreign dances. She majored in education and graduated in 1985 from Saint Louis University. Her masters was on physical education; her thesis studied the teaching of PE in higher institutions of San Fernando, La Union. She is currently an instructor in PE at the Institute of Physical Education at Benguet State University.

**Noreen Folloso**

Noreen is a UP Baguio graduate, BS Biology. She worked as a research assistant for the socioeconomic and policy unit of Conservation International-Philippines. This involved convening of consultation workshops for the project vulnerability assessment of marine biodiversity and related human well-being concerns in the Verde Island Passage. She is now enrolled for residency for her masters in environmental science at the Institute of Environmental Science and Meteorology at UP Diliman. Among the subjects she is now teaching at UP Baguio are Biology 140 (Elementary Genetics) and Biology 164 (Limnology). About being on the teaching staff she says: "So far it has been a thorough exercise in time management."

**Noel Pabalon**

Noel obtained his degree in biology from Saint Louis University and his doctorate from York University. His masters degree focused on behavioral studies on the black ant. For research targets, he cites explorations of genes in the DNA repair pathway and eventual publication in peer-reviewed international cancer journals. Classical music is an avocation.

**Bhazel Anne Pelicano**

Anne graduated from UP Diliman in 2003, with a degree in physics. Her thesis was entitled "Fractional Dynamics of One-Dimensional Linear Chains." Of this study Anne writes: "Using Caputo-defined fractional derivatives on the linear equation of linear chain system of masses and springs [that] indicate a damping behavior on the system at some finite time." Her masters thesis is entitled "Interplay of Noise,



Nonlinearity and Fractional Derivatives" and she continues to do research on behavior of systems using fractional derivatives. Anne taught lecture classes at the National Institute of Physics prior to this stint with UP Baguio.

**Nicole Pellejera**

Nicole is a 2008 BS Geology graduate of UP Diliman. Her thesis focused on field mapping of Nasugbu, Calo and Archanget. The geology of these study areas consists mostly of volcanic rocks (andesite and dacite) that probably came from the eruption of Taal Volcano. For two years she

worked for Geoscience Foundation, Inc. (GFI) that is based at the UP National Institute of Geological Sciences. She was involved in a project that gathered data on the Kalayaan Group, Reed Bank and Palawan. She is interested in studying the vulnerability to landslides of certain areas in Baguio.

**John Elden Revano**

John is a 2010 graduate in computer science from UP Baguio. He now teaches Math 11 and computer science courses: introduction to computer science, discrete mathematical structures for computer science and special topics. John speaks of his computer science degree program as "math intensive," dealing with design and analysis, algorithms, numerical analysis and data structures, among others. He intends to do research in computer vision and imaging. For a pastime John resorts to music.

**Freda Wong**

Freda graduated in 2008 with a degree in biology from UP Baguio. Her thesis was entitled "Evaluation of the Antimicrobial Property of *Tithonia diversifolia* (Sunflower) and *Ageratum conyzoides* (bulak manok)." The extracts of the two plants were tested against *staphylococcus aureus bacillus sp.*, *Escherichia coli*, and yeast. Freda once taught high school at Rainbow Mission International Academy. For one semester she also taught inorganic chemistry and biochemistry for nursing at Saint Louis University. She was a volunteer research assistant at the Baguio Health Department in May this year, working on a KAP Survey on Dengue, and Entomological Survey of Aedes Mosquitoes. Freda notes: "I am interested in the field of environmental microbiology, particularly on the use of protozoans as bioindicators of pollution as well as their role in degradation of organic matter."

## College of Social Sciences

**Corazon Abansi**

Dr. Abansi teaches managerial economics and financial management at the Institute of Management of UP Baguio. Her degrees: BS Agricultural Economics, UP Los Baños; MS Agricultural Economics, UPLB; MA Economics, UPD and Ph.D. Agricultural Economics, UPLB. Her undergraduate thesis was a study on the operation and performance of the first Iloilo area marketing cooperative; her masters thesis was entitled "Consumer Demand of Rice Grain Quality," and her dissertation title: "Incorporating Externalities in Cotton Productivity Analysis." Prior to UP Baguio, Dr. Abansi worked with the Department of Agriculture, the International Rice Research Institute, and the International Maritime Organization and UNPP. She served as Dean of De La Salle Lipa (1999-2005) and finally as Vice Chancellor of Academics and Research (2006-2010), after which she opted for retirement from De La Salle effective June 1 this year.

**Achilles Costales**

Achilles has a BA in English from Maryhurst Seminary and a Ph.D. in Agricultural Economics from UP Los Baños. He was associate dean of the College of Economics and Management, UPLB before he worked with the FAO of the UN in Rome. He served as economist of the FAO Pro-Poor Livestock Policy Initiative (PPLPI) Project, doing policy research and program design. Achilles's doctoral dissertation is entitled "Integration of the Corn and Livestock Sectors of the Philippines." He intends to do further work on, among others, the development of market institutions to integrate smallholder households in the local economy to improve incomes and reduce poverty. Other interests include city and mountain biking, digital photography, classical music and film classics.

**Adonis Elumbre**

Adonis is a major in history from the College of Social Sciences and Philosophy at UP Diliman. He is working on a masters in Philippine Studies (foreign relations) at the Asian Center. His undergraduate thesis focused on the historization of the theory



and practice of popular democracy in the Philippines. He summarizes: "PopDem occupies a distinct position as it interrogates grand narratives for revolutionary change and employs untapped social meanings in the peoples' consciousness towards institutionalizing new politics and economic sustainability in the country." Adonis is one of the editors of a book on local histories and historiographies. He is also part of a pool of writers working on elementary social studies textbooks. He and a colleague plan to write a book on Rizal studies, in commemoration of the 150th birth anniversary of Jose Rizal. For other passions, Adonis lists "coffee."

**Hazel Gutierrez**

Hazel is a psychology major from Saint Louis University. Prior to UP Baguio she worked as guidance counselor at the Uni-

versity of Baguio and taught psychology at Central Luzon State University where she was also the College Guidance Coordinator. Hazel is also a student of literature and is working on her masters in English. Her thesis applies a psychological perspective to selected short stories of Nick Joaquin. Hazel says that her work as guidance counselor let her see how youth have become victims of "uninformed decisions" in career choices so she intends to do more research along this line.

**Analyn Muñoz**

Analyn is a history major, a graduate of UP Diliman where she taught History 1 (Kasaysayan 1) for four years. She notes that her undergraduate batch at UPD was the last one to follow the old GE curriculum which included required courses in European and Latin American histories. Her masters thesis concerns the Marking's guerillas, one of the guerilla units that resisted Japanese invasion. She notes that the study projects "... the true identity/-ies of the guerillas who besides being hailed as heroes in this historic period, were also at times feared by their countrymen." Analyn is "excited" about being at UP Baguio, and Baguio itself, she says, "... is still a place of discovery."

**Topin Ruiz**

Topin is a fresh graduate of UP Baguio, a major in history, minor in political science. She cites the Filipino-American war as a research area she is especially interested in, alongside historiographical analyses. Among the subjects she is handling is Political Science 163 (Political Behavior, Movements and Processes). Other interests include science fiction, "especially the ethics in *Star Trek* and the philosophy in *Star Wars*." ■

*Featured in this profiling are faculty who met our press deadline.*

## Infrastructure development nonstop at UP Baguio *Alumni-Student Center to be completed before year ends*

■ Victoria Rico Costina

Construction, re-construction and refurbishing of buildings old and new are a marked feature for all of recent years here at UP Baguio. The major project for this year is the construction, finally, of the three-storey Alumni-Student Center. This project has been on the drawing board for at least five years now, hampered by lack of funds from the alumni association. But with allocation of funds from savings, Chancellor Macansantos has spearheaded the construction of the long-dreamed of building, costing P12.1-M. The original design for the building, done by Architect Robert Ramirez, has been utilized, with some changes as decided upon by current Vice Chancellor for Administration, Dr. Bienvenido Marzan, who now oversees this and other campus infrastructure work.

The first floor of the Center will be occupied by the Student Council, the Outcrop and Council of Leaders. The second floor is designated for the Office of Student Affairs. The third floor will have a multi-purpose hall. The Alumni Center will also be on the top floor, designated for offices, a lounge and conference area. The building will have a basement, with space for multi-purpose functions. The Center is slated for completion in November this year.

Gone too are the dark and dank spaces that, for all the years of existence of UP Baguio, nearly half a century in fact, have been home to the College of Science, formerly the Division of Natural Sciences and Mathematics, and resident ghosts. In the past year rehabilitation of the oldest building on campus took place. After one has been gone for a time, and seeing the Science building again, you would think a



new school has sprung up. Spanking clean floor tiles, whitewashed walls, new classroom spaces with store-bought features: chairs and whiteboards, etc., repainted and re-floored laboratories, and state-of-the-art energy-saving lights installed everywhere. Most surprising of all is the disappearance of the multi-purpose hall. That seemed like a permanent fixture in this academic setting, like a retirable but reliable colleague one cannot imagine will ever be gone for good. At the old MPH, for at least a decade important meetings, middle-size conferences and busy university councils held court.

In place of this storied hall are roomy, corporate spaces for the faculty of the Biology Department. Awaiting occupation are the refurbished faculty rooms formerly occupied by biology teachers. This has been assigned to the physics and chemistry faculty. What keeps them from moving in? One knows for a fact that scientists are at home in cramped, labor-intensive space where all the brilliant cogitations can take place, no matter the cobwebs and the clutter. The airing out and the heftier elbow

room in the new quarters should be good for them. College of Science Dean Wilfredo Alanguí says that the College tried to use the area as an alternative classroom but noise from students hanging about the adjacent lobby has been a bummer. So it's not the scientists. The space will have to be equipped with student-noise proof wallings then.

Other campus changes: rehabilitation of the Library, and the installation of fiber optics so that offices of UP Baguio are interconnected, expanding the range of the communication networks. Everything is keyed up on campus. Students chatter in the lobbies but sit up in attention in our well-lit, fully engaged classrooms. ■



OFFICE OF PUBLIC AFFAIRS  
UP BAGUIO  
2600 BAGUIO CITY, PHILIPPINES

ENTERED AS SECOND CLASS MAIL AT THE Baguio City Central Post Office,  
Upper Session Road, Baguio City WITH PERMIT NO. CAR-2007-09.



**Ti Similla**

ISSN 0119-6634

Published by the University of the Philippines Baguio  
through the Office of Public Affairs  
E-mail: [opa@upb.edu.ph](mailto:opa@upb.edu.ph)  
UP Baguio website: [www.upb.edu.ph](http://www.upb.edu.ph)

VICTORIA RICO COSTINA, *Editor*  
GRACE SUBIDO, JIMMY FONG, RUTH TINDAAN, *Associate Editors*  
JENNIFER INOVERO, FARA MARTIA MANUEL, DEEMSON MONES,  
ERLINDA PALAGANAS, SHEKINAH QUERI, PHOEBE CHLOE RAMOS,  
MARIE CHRIS RAMOYA, LETICIA TOLENTINO,  
FERDINAND VERIDIANO, *Staff Writers*  
FREDERICK PEDREGOSA, *Production*

*The views and opinions expressed in TISIMILLA do not necessarily reflect the collective stand of the academic staff or the official position of UP Baguio.*