

August 25, 2014

DIVISION MEMORANDUM
No. 403, s. 2014

**16th REVUP WORKSHOP OF PHILIPPINE SOCIETY OF BIOCHEMISTRY
AND MOLECULAR BIOLOGY**

TO : Assistant Superintendents
Division Supervisors/Coordinators
Secondary School Heads
Heads, Private Secondary Schools

1. Attached is a letter from the Philippine Society of Biochemistry and Molecular Biology (PSBMB), dated August 2, 2014, entitled "**16th RevUp Workshop of Philippine Society of Biochemistry and Molecular Biology**", with the theme: *Review and Updates in Biochemistry, Molecular Biology and Biotechnology for K-12 Program*, on August 30-31, 2014, at the University of the Philippines, Cebu Campus.
3. The participants to this conference are the public and private secondary school teachers and other Science enthusiasts. See enclosure of this Memorandum for the official participants of this workshop.
4. A registration fee of **One-thousand Five-hundred Pesos (PhP 1,500. 00)** shall be collected to defray expenses for the lunch and snacks for two (2) days and workshop kits, which shall be chargeable against **school MOOE funds/local School Funds**. Travelling expenses of the participants shall be charged against **local school/SEF/PTA Funds**.
5. This Memorandum serves as Travel Authority of all participants.
6. Immediate and wide dissemination of this Memorandum is desired.


ARDEN D. MONISIT, Ed. D.
Schools Division Superintendent

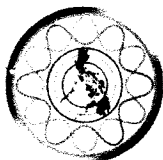
Telephone Numbers:

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| Asst. Schools Division Superintendent: | (032) 414-7457 |
| Accounting Section: | (032) 254-2632 |
| Disbursing Section: | (032) 255-4401 |
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Website : www.depedcebuprovince.com
E-mail Add: depedcebuprovince@yahoo.com

LIST OF PARTICIPANTS

| NAME | SCHOOL |
|-------------------------------|--|
| 1. ROLDAN L. ABELLA | SK Luis Cañete Sr. NHS, Bagay |
| 2. CATHERINE G. OPALLA | Lamac NHS |
| 3. VENUS M. RELLANOS | Tayud NHS |
| 4. AILEN M. ACOG | Tugbungan NHS |
| 5. JESSAN C. CAMINADE | Argao NHS |
| 6. LORENZO ALBEOS | Talaga NHS |
| 7. JENNIFER FUENTES | Colawin NHS |
| 8. MA. GERTRUDES L. PERAS | Mantalungon NHS, Barili |
| 9. CRISPINA L. AMBRAD | Calape NHS |
| 10. ROGENE R. ESTIPONA | Aloguinsan NHS |
| 11. FRANCISCA DITAN | Bitoon NHS |
| 12. MARY ANN T. COBOL | Moalboal NHS |
| 13. IRMALYN C. FELIPRADA | Cantumog NHS |
| 14. CRISTINA V. CINCO | Carmen NHS |
| 15. CARMENCITA B. LOPEZ | CAMP 7 NHS |
| 16. PABLITO O. OTERO | CAMP 7 NHS |
| 17. GENEVIEVE J. DAYOT | Bulangsuran Integrated School |
| 18. JUDITHA C. SERENCIO | Willy B. Wenceslao MNHS, Santander |
| 19. SHEILA MAE A. SARVIDA | Mandilikit NHS |
| 20. FELICIDAD S. CAMPOMANES | Manlapay NHS |
| 21. JENNIFER ANDRADE | Mantalungon NHS, Dalaguete |
| 22. BENJAMIN A. PEÑALOSA JR. | Santa Fe NHS |
| 23. JONATHAN C. SEDILLO | Liloan NHS |
| 24. MERLINDA LORENZANA | Compostela NHS |
| 25. SHERLICE Q. ROM | Lyceum de San Sebastian (Private) |
| 26. AMOR MIA A. MANGUBAT | Kalangahan NHS |
| 27. BEVERLY JEAN L. DY | Montealegre NHS |
| 28. ZOSIMA G. ESCARDA | Bantayan National Science High School |
| 29. ELSA B. ZAFRA | Madridejos NHS |
| 30. CHRISTINE MAE L. DUBLIN | Cabonga-an NHS |
| 31. MARIA JINKY MARCOJOS | Cabonga-an NHS |
| 32. JOAN MARIE R. HUBAHIB | Medellin National Science & Tech School |
| 33. RONALDO A. GULANE | Almacen-Torrevillas NHS |
| 34. EDWIN P. CARSIDO | Gibitngil Integrated School |
| 35. ELISA B. AMORES | Curva NHS |
| 36. PINADAYAG B. LACABA | Medellin NHS |
| 37. LYDIA P. BULOTANO | Kawit, NHS |
| 38. GARNET G. POSAS | Consolacion NHS (Evening) |
| 39. NEIZL PANUGALAN | Calape NHS |
| 40. CHERRL MONINIO | Calape NHS |
| 41. BLESIE M. MARIÑAS | Cogon NHS, Dumanjug |
| 42. ANNELI A. LUMONTAD | Nangka NHS, Balamban |
| 43. ZOCELYN MANINGO-TRIBUNALO | Jose Chona Jo MNHS, Balamban |
| 44. CHARLYN M. PROGELLA | Daanbantayan NHS |
| 45. LIZZEL T. ROSACEÑA | Daanbantayan NHS |
| 46. ELIEN M. RUELOS | Consolacion NHS – Day |
| 47. ALEXIS VILLAHERMOSA | Colonia NHS |
| 48. PELAGIO CALIDA JR. | Colonia NHS |
| 49. MARY ANN M. SIACOR | Garing NHS, Consolacion |
| 50. VIRGINIA E. AROPO | Madridejos NHS |
| 51. JONATHAN DESUCATAN | Bantayan National Science HS |
| 52. LEILA I. NIERE | Boljoon NHS |
| 53. JOAN MARIE R. HUBAHIB | Medellin National Science & Tech. School |
| 54. MARY JEAN SIGAYLE | Compostela Science & Tech. HS |
| 55. EUNICE A. BORLASA | Luciano B. Rama MNHS, Poro Cebu |
| 56. MAY EDALYN S. PEÑA | Luciano B. Rama MNHS, Poro Cebu |



PHILIPPINE SOCIETY OF BIOCHEMISTRY & MOLECULAR BIOLOGY
www.psbmb.org

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2 August 2014

DR. ARDEN D. MONSINIT
Schools Division Superintendent
Department of Education
Cebu Province
Sudlon, Lahug, Cebu City

SUBJECT: 16th RevUp Workshop of PSBMB

Dear Dr. Monisit:

Greetings from the Philippine Society of Biochemistry and Molecular Biology (PSBMB)!


PSBMB is a 40-year old national organization committed to upgrade and promote the advancement of biosciences in the Philippines. The society aims to do this through different activities such as the annual PSBMB conventions and the RevUp Workshops. The RevUp workshop is a Review and Update program series of continuing education in Molecular Biology and Biotechnology, tailored for Science teachers in the Bioscience fields, in the primary, secondary and tertiary levels. These series of workshops aim to address the need to improve and update the teaching of biosciences in the Philippine setting.

The Philippine Society of Biochemistry and Molecular Biology, will be conducting the 16th RevUp Workshop with the theme: **Review and Updates in Biochemistry, Molecular Biology and Biotechnology for K-12 Program**, on August 30-31, 2014 and will be hosted by the University of the Philippines Cebu. The most popular attractions in the RevUP menu are the updated lectures with handouts and reference materials, and the pen & paper as well as computer hands-on exercises. The participants will also be provided by companion CD, which is loaded with teaching references, informative links to websites with free bioscience materials, and lots of animation files about key bioscience topics that the teachers can use in their classrooms. The society firmly believes the academic community in the Visayas regions, particularly Cebu will greatly benefit from this workshop.

In this light, we would like to request for your endorsement of the above activity and encouragement for your constituents, particularly, biology teachers and science academic coordinators to attend this very timely workshop.

Please see attached poster and program of activities for additional information. Should you have any other inquiries, please do contact us with the provided contact details below.

Sincerely yours,



MARCOS B. VALDEZ, JR., D Agr Sci
Local Organizing Committee Chair
Tel. No. (32) 2338398
Fax No.: (032) 2328104
Email: psbmbvisayaschapter@gmail.com


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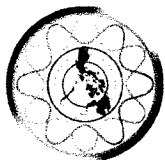
Secretariat:

Dept. of Biochemistry & Molecular Biology
University of the Philippines College of Medicine
547 P. Gil St., Ermita, Manila 1000 Philippines
Telefax. (632) 5264197
Email: psbmb_secretariat@yahoo.com

Noted by:


GRACIA FE B. YU, PhD
*PSBMB Organizing Committee Chair
Immediate Past President*
Email: grafeyu@gmail.com


JOHN DONNIE A. RAMOS, PhD
PSBMB President



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REGISTRATION FORM

Prof/Dr/Mr/Ms

Family Name _____ First Name _____ M.I. _____

Affiliation: _____

Mailing Address: _____

Profession: _____ Email: _____

Tel. No. _____ Fax: _____

REGISTRATION FEE FOR THE WORKSHOP: PhP 1500*

Mode of Payment

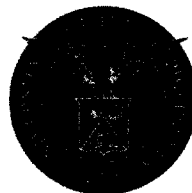
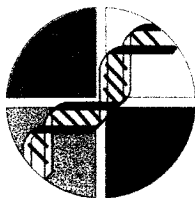
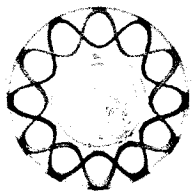
- Cash (On site registration only)
 Manager's check payable to PSBMB
 Bank Deposit

Please deposit registration fee (cash or check) to **PSBMB Account at the Bank of the Philippine Islands (Current Account No. 0151-0233-47, BPI España Branch, Manila)**. All pre-registrants must submit a completed registration form and a copy of the deposit slip within the same name of the participant to the Secretariat on the day of the workshop. Fax or electronic copies are acceptable for pre-registration, but the original deposit slip should be submitted at the registration desk on the day of the workshop for issuance of official receipt. Please submit registration form and scanned deposit slip to psbmbvisayaschapter@gmail.com or fax at (032) 2328104 (Attn to: Dr. Marcos B. Valdez, Jr.).

*Registration fee includes snack, lunch for two days and workshop kits. Please take note that the workshop would only be able to accommodate a maximum of 80 participants due to the limited number of computers that would be used for the Bioinformatics session. Slots would be assigned on the basis of first come, first served.

Secretariat:

Dept. of Biochemistry & Molecular Biology
University of the Philippines College of Medicine
547 P. Gil St., Ermita, Manila 1000 Philippines
Telefax: (632) 5264197
Email: psbmb_secretariat@yahoo.com



THE 16TH PHILIPPINE SOCIETY FOR BIOCHEMISTRY AND MOLECULAR BIOLOGY REVUP

BIOCHEMISTRY, MOLECULAR BIOLOGY AND BIOTECHNOLOGY FOR THE K-12 PROGRAM

UNIVERSITY OF THE PHILIPPINES - CEBU AUGUST 30-31, 2014

For inquiries please contact:

Dr. Marcos B. Valdez, Jr.

E-mail: psbmbvisayaschapter@gmail.com

Tel. No.: (032) 233-8398

Telefax: (032) 233-8104



Philippine Society of Biochemistry
and Molecular Biology



<http://www.psbmb.org/>

| Schedule | Activity | Point Person |
|-----------------|--|---|
| 7:00 - 9:00 | Registration | UP Cebu Ecological Society |
| 9:00 - 9:15 | National Anthem | UP Cebu Serenata |
| 9:15 - 9:30 | Welcoming Remarks | Atty. Liza D. Corro Dean, UP Cebu |
| 9:30 - 9:45 | Opening Remarks | Dr. Jonnifer R. Sinogaya Chair, Sciences Cluster, UP Cebu |
| 9:45 - 10:00 | Opening Remarks | Dr. Gracia Fe B. Yu |
| 10:00 - 10:45 | Lecture 1: Biology in a K-12 system and Introduction to Biotechnology | Dr. Neil Andrew Bascos |
| 10:45 - 11:30 | Lecture 2: Genomics, Transcriptomics and Proteomics | Dr. John Donnie A. Ramos |
| 11:30 - 11:45 | Open Forum | Dr. Bascos and Dr. Ramos |
| 11:45 - 1:00 | Lunch | |
| 1:00 - 1:45 | Lecture 3: Personalized Drug Design | Dr. Reynaldo Garcia |
| 1:45 - 2:30 | Lecture 4: Natural Products | Dr. Gracia Fe B. Yu |
| 2:30 - 2:45 | Break and Open Forum | Dr. Garcia and Dr. Yu |
| 2:45 - 3:30 | Lecture 5: Biotechnology Enterprise | Dr. Reynaldo Garcia |
| 3:30 - 4:15 | Pen and Paper Exercise 1: Decoding the Message | Mr. Jobi Subosa |
| 4:15 - 5:00 | Pen and Paper Exercise 2: Recombinant DNA Technology | Ms. Mittsu Sarmago |

| Schedule | Activity | Point Person |
|-----------------|---|---|
| 8:30 - 10:00 | Lecture 6: Bioinformatics and Systems Biology | Dr. Neil Andrew Bascos |
| 10:00 - 10:15 | Break and Open Forum | Dr. Neil Andrew Bascos |
| 10:15 - 10:30 | Election of Officers of PSBMB Visayas Chapter | |
| 10:15 - 11:00 | Pen and Paper Exercise 3: Phylogeny | Mr. Lorenz Chua |
| 11:15 - 12:00 | Pen and Paper Exercise 4: Karyotyping | Mr. Joshua Malapit |
| 11:45 - 1:00 | Lunch | |
| 1:00 - 1:45 | Pen and Paper Exercise 5: Forensic DNA Profiling | Ms. Isabelle Viola |
| 1:45 - 2:00 | How to use the Rev-Up CD | Mr. Alvin Bello |
| 2:00 - 2:45 | Rev-Up Fun Quiz | Mr. Alvin Bello |
| 2:45 - 3:00 | Oath-taking of New PSBMB Members and Elected Officers | |
| 3:00 - 3:15 | Launching of PSBMB Visayas Chapter | |
| 3:15 - 3:45 | Awarding of Prizes to the Winners | Dr. Gracia Fe B. Yu Dr. Marcos B. Valdez, Jr. Chair, Local Oorganizing Committee |
| | Awarding of Certificates to the Speakers | Dr. Neil Andrew Bascos, Dr. Marcos B. Valdez, Jr. and Dr. Jonnifer R. Sinogaya |
| 3:45 - 4:00 | Closing Remarks | Dr. John Donnie A. Ramos |