

## EXEMPLARY RESEARCH PROJECTS

**SY 2007-2008**

Award	Event	Venue	Date	Research Title	Proponents/Researchers
Best Written Report (Gold) Most significant Project (Silver)	6 <sup>th</sup> SEAMEO Search for Young Scientists	SEAMEO RECSAM Penang, Malaysia	March 3-6, 2008	Assessment of Mycorrhizal Diversity and their Growth Effects on Mangium, Falcata, Narra and white Lauan in Marginal and Mine Waste soil of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Prexy Pearl Macana Lafayette Kirsi S. Noel Debra Ruth R. Edradan
Third Place	National DepEd Intel Philippine Science Fair	Tagaytay City	February 13, 2008	Assessment of Mycorrhizal Diversity and their Growth Effects on Mangium, Falcata, Narra and white Lauan in Marginal and Mine Waste soil of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Prexy Pearl Macana Lafayette Kirsi S. Noel Debra Ruth R. Edradan
Special Award from Association of Women Geoscientists	National DepEd Intel Philippine Science Fair	Tagaytay City	February 13, 2008	Assessment of Mycorrhizal Diversity and their Growth Effects on Mangium, Falcata, Narra and white Lauan in Marginal and Mine Waste soil of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Prexy Pearl Macana Lafayette Kirsi S. Noel Debra Ruth R. Edradan
First Place	4 <sup>th</sup> National Science and Mathematics congress of Regional Science High Schools	SBMA, Olongapo City	February 3-8, 2008	Assessment of Mycorrhizal Diversity and their Growth Effects on Mangium, Falcata, Narra and white Lauan in Marginal and Mine Waste soil of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Prexy Pearl Macana Lafayette Kirsi S. Noel Debra Ruth R. Edradan
First Place	4 <sup>th</sup> National Science and Mathematics congress of Regional Science High Schools	SBMA, Olongapo City	February 3-8, 2008	Iron and Nickel Uptake of Mangkono and Lagi-lagi in Taganito Mining Corporation, Claver, Surigao del Norte	Belle Alva Jelle S. Culango

4 <sup>th</sup> Place	4 <sup>th</sup> National Science and Mathematics congress of Regional Science High Schools	SBMA, Olongapo City	February 3-8, 2008	Lead Ion Uptake by Agar Beads, Free and Agar-Immobilized Spirulina sp.	Kate A. Boquilon Julidyn P. Bernido Dominique Charmaine D. Aranas
4 <sup>th</sup> Place	4 <sup>th</sup> National Science and Mathematics congress of Regional Science High Schools	SBMA, Olongapo City	February 3-8, 2008	Brine Shrimp Lethality Activity of the Bioactive Compounds in Kalingag Crude Extract	Alyssa Marize Z. Maghuyop
First Place	Regional DepEd Intel Science Fair	Butuan City	October 2008	Assessment of Mycorrhizal Diversity and their Growth Effects on Mangium, Falcata, Narra and white Lauan in Marginal and Mine Waste soil of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Prexy Pearl Macana Lafayette Kirsi S. Noel Debra Ruth R. Edradan
First Place	Regional DepEd Intel Philippine Science Fair	Butuan City	October 2008	Iron and Nickel Uptake of Mangkono and Lagi-lagi in Taganito Mining Corporation, Claver, Surigao del Norte	Belle Alva Jelle S. Culango

## 2008-2009

Award	Event	Venue	Date	Research Title	Proponents
Presenter (International Level)	109 <sup>th</sup> American Society for Microbiology Convention	Philadelphia, Pennsylvania, USA	May 17-21, 2009	Assessment of Mycorrhizal diversity and Their Growth Effects on Mangium, Falcata, Narra, A. auriculiformis and White Lauan in the Rehabilitation of Suyoc Mine Waste Dumpsite in Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Debra Ruth R. Edradan
Presenter (International Level)	109 <sup>th</sup> American Society for Microbiology Convention	Philadelphia, Pennsylvania, USA	May 17-21, 2009	Antibacterial, Toxicological and Phytochemical Screening of the Methanolic Bark and Leaf Extracts of Kalingag and Talisay	Nino Paolo T. Ongluico Rhea Mii A. Cruzado
Finalist (National Level)	DepEd Intel Philippine Science Fair	SBMA, Olongapo City	February 23-26, 2009	Antibacterial, Toxicological and Phytochemical Screening of the Methanolic Bark and Leaf Extracts of Kalingag and Talisay	Nino Paolo T. Ongluico Rhea Mii A. Cruzado Gail Ruth R. Edradan
Finalist (National Level)	5 <sup>th</sup> National Science Quest	Oriental Mindoro	February 2009	Iron and Nickel Uptake of Mangkono and Lagi-lagi in Taganito Mining Corporation, Claver, Surigao del Norte	Belle Alva Jelle S. Culango
First Place (Regional Level)	DepEd Intel Science Fair	Butuan City		Antibacterial, Toxicological and Phytochemical Screening of the Methanolic Bark and Leaf Extracts of Kalingag and Talisay	Rhea Mii A. Cruzado Nino Paolo T. Ongluico Gail Ruth R. Edradan
Second Place (Regional Level)	DepEd Intel Science Fair	Butuan City			Alyssa Kara Pantejo Justine Eve L. Carbonilla
Second Place (Regional Level)	DepEd Intel Science Fair	Butuan City		Iron and Nickel Uptake of Mangkono and Lagi-lagi in Taganito Mining Corporation, Claver, Surigao del Norte	Belle Alva Jelle S. Culango

### SY 2009-2010

Award	Event	Venue	Date	Research Title	Researcher/s
Presenter (International Level)	7 <sup>th</sup> SEAMEO Search for Young Scientists	SEAMEO RECSAM, Penang, Malaysia	March 2-5, 2010	Iron and Nickel Uptake of Mangkono and Lagi-lagi: Potential Phytoremediators of Iron and Nickel-rich Soils in the Rehabilitation of Taganito Mining Corporation, Claver, Surigao del Norte	Mark Christian M. Clerino
5 <sup>th</sup> Place	National Science Quest	Tabaco City, Albay	February 3-5, 2010	Antagonistic Effects of Actinomycetes 1 and 2 Local Isolates and Bacillus amyloliquifaciens to as Xanthomonas oryzae pv. Oryzicola	Erika Angelyn B. Pelin Krystal Aiza Edera Gillian Mae Torcal
5 <sup>th</sup> Place	National Science Quest	Tabaco City, Albay	February 3-5, 2010	Rehabilitation Continues: Copper Uptake and Survival of Leguminous Plants in Nutrient-Deficient Soil of Suyoc Mine Waste Dumpsite of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Nikko Marie Beatriz Natuplag Gail Ruth R. Edradan Chumescene M. Rebadomia
4 <sup>th</sup> Place	National Science Quest	Tabaco City, Albay	February 3-5, 2010	Screening of the Methanolic Extracts of Kalingag and Talisay against Methicillin-Resistant Staphylococcus aureus (MRSA)	Rhea Mii A. Cruzado
First Place	Regional DepEd Intel Philippine Science Fair	Butuan City	October 26-30, 2009	A comparative assessment of the Anti-glycemic activity of Avocado and Okra Leaf extracts	Helg Lloyd Bernadez Ayn S. Tejol
2 <sup>nd</sup> Place	Regional DepEd Intel Philippine Science Fair	Butuan City	October 26-30, 2009	Rehabilitation Continues: Copper Uptake and survival of Leguminous Plants in Suyoc Mine Waste Dumpsite of Manila Mining Corporation, Placer, Surigao del Norte, Philippines	Nikko Marie Beatriz Natuplag Gail Ruth R. Edradan Chumescene M. Rebadomia
2 <sup>nd</sup> Place	Regional DepEd Intel Philippine Science Fair	Butuan City	October 26-30, 2009	Screening of the Methanolic Extracts of Kalingag and Talisay against Methicillin-Resistant Staphylococcus aureus (MRSA)	Rhea Mii A. Cruzado
2 <sup>nd</sup> Place	Regional DepEd Intel Philippine Science Fair	Butuan City	October 26-30, 2009	Actinomycetes 1 and 2 as Potential Biological agent against Xanthomonas spp.	Erika Angelyn B. Pelin Krystal Aiza edera Gillian Mae Torcal

### SY 2010-2011

Award	Event	Venue	Date	Research Title	Researchers
Third Place	Intel Philippine Science Fair	Tagaytay City	October 2010	In Vitro Mycoremediation of Diesel Using Ganoderma lucidum	Karen E. Letim Mark Jayson O. Saturos Angelica Ann E. Guerra
Finalist	First National Search for Researchers and Innovators in Biotechnology	DepEd Complex, Meralco Avenue, Pasig City	November 20, 2010	Rehabilitation Continues: Copper Uptake and survival of Leguminous Plants in Suyoc Mine Waste Dumpsite of Manila Mining Corporation, Placer, Surigao del Norte, Philippines : Phase II	Gail Ruth R. Edradan Irene Mae P. Espanto Jaezyl Mae V. Butaya
First Place	Regional Search for Researchers and Innovators in Biotechnology	Butuan City	October 2010	Rehabilitation Continues: Copper Uptake and survival of Leguminous Plants in Suyoc Mine Waste Dumpsite of Manila Mining Corporation, Placer, Surigao del Norte, Philippines : Phase II	Gail Ruth R. Edradan Irene Mae P. Espanto Jaezyl Mae V. Butaya
First Place	Regional DepEd Intel Philippine Science Fair	Butuan City	October 26-30, 2010	In Vitro Mycoremediation of Diesel Using Ganoderma lucidum	Karen E. Letim Mark Jayson O. Saturos Angelica Ann E. Guerra
Second Place	Regional Search for Researchers and Innovators in Biotechnology	Butuan City	October 2010	Practical Application and Actual field Study of Mangrove Tree Wetable Powder as a Potential Molluscicidal Agent to Golden Apple Snail	Erika Angelyn B. Pelin Lizelle Marie B. Carnicer Elyanna Kiara C. Tecson
Second Place	Regional Search for Researchers and innovators in Biotechnology	Butuan City	October 2010	Growth Effects of Mykovam, Mycogroe and Indigenous Mycorrhiza to Legumes in Taganito Mining Corporation	Walter D. Andit, Jr. Ronica P. Calo

### SY 2011-2012

Award	Event	Venue	Date	Title	Proponents
Finalist	Second Screening of Philippine Delegates to the International Science and Engineering Fair	UP-NISMED, Diliman, Quexon city	February 2012	Discovery of Nanofibers from Water Hyacinth Fiber Net as Potential Preventer of Soil Erosion	Ivy Turno Quenee Lavern Pongcol Venessa Anne Kimberly Gealan
First Place	National Science and Technology Fair Cluster II Physical Science, Team Category	Tagaytay City	October 2011	Discovery of Nanofibers from Water Hyacinth Fiber Net as Potential Preventer of Soil Erosion	Ivy Turno Quenee Lavern Pongcol Venessa Anne Kimberly Gealan
First Place	Regional DepEd Intel Philippine Science Fair	Butuan City	September 15, 2011	Discovery of Nanofibers from Water Hyacinth Fiber Net as Potential Preventer of Soil Erosion	Ivy Turno Quenee Lavern Pongcol Venessa Anne Kimberly Gealan
Fourth Place	Regional DepEd Intel Philippine Science Fair	Butuan City	September 15, 2011		Kristoff Polo Mosquito
Fourth Place	Regional DepEd Intel Philippine Science Fair	Butuan City	September 15, 2011		Dixie Elaiza V. Lisondra Christine Leslie Diaz

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