

# ARAL 2019



## 4TH INTERNATIONAL CONGRESS ON ACTION RESEARCH, ACTION LEARNING

May 16-18, 2019 | De La Salle University, Manila, the Philippines



# CONGRESS PROGRAM

**DAY 1 – May 16, 2019 (Thursday) | LECTURE SEMINARS (13:30-15:30)**

Room 1 Y407	Room 2 Y408	Room 3 Y409	Room 4 Y507
<i>Research and writing with light and sound: Using multimodal methods to engage in and report about classroom research</i>	<i>Students-Helping-Students Model with technology: Designing contextualized programs to help struggling learners</i>	<i>Basic documentation style in (action) research</i>	<i>Education for sustainable development: Ideas for action research</i>
<b>Bronwyn T. Williams</b> (University of Louisville)	<b>Aurelio P. Vilbar</b> (University of the Philippines Cebu)	<b>Shirley N. Dita</b> (De La Salle University)	<b>Sterling M. Plata</b> (De La Salle University)

**DAY 1 – May 16, 2019 (Thursday) | PARALLEL SESSIONS 1 (16:00-16:30)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
<i>Technology supported inquiry-based learning and achievement in Science</i>	<i>Vocabulary notebook for teaching and learning technical vocabulary</i>	<i>Utilizing augmented reality in improving the frustration tolerance of ADHD learners: An experimental study</i>	<i>Identifying algorithm by examining social context: Photovoice and photo-elicitation in teaching mathematics</i>	<i>SMART management plan for an outcome-based research in the K to 12 curriculum</i>	<i>Counselor educators' teaching practices: A perspective from the students</i>	<i>Wheeled Art Studio: An innovative tool anchored on focused exploration in teaching visual arts</i>
<b>Nenita D. Nicolas</b>	<b>Gefilloyd L. De Castro</b>	<b>Reynold A. Rustia &amp; Carina D. Rustia</b>	<b>Robert Matthew J. de Castro &amp; Feliece I. Yeban</b>	<b>Mac Millan C. Tobeo</b>	<b>Alvin Odon Insorio &amp; Annalyn A. Delfino</b>	<b>Bernard Marc Evangelista Codillo</b>

**DAY 1 – May 16, 2019 (Thursday) | PARALLEL SESSIONS 2 (16:30-17:00)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
<i>Affordances of online self-assessment and metacognitive reflection in high school Physics</i>	<i>Reciprocal teaching approach: Tool to enhance multifaceted dimensions of learning English as a second language</i>	<i>Utilization of the basic emergency obstetric and newborn care services among women of reproductive age</i>	<i>Numeracy enhancement tool (NET): Mobile app for mathematics students</i>	<i>Data mining in a mobile learning environment</i>	<i>When student causes teacher's trauma, auto-ethnographic account</i>	<i>Knowing Art Capital: Understanding the appreciation of art through Poblacion Ibaba and Poblacion Itaas of Angono, Rizal</i>
<b>Richard Deanne C. Sagun</b>	<b>Val Joseph I. Viñalo</b>	<b>Eden N. Ragual</b>	<b>Alvin Odon Insorio &amp; Robert Matthew J. De Castro</b>	<b>Melidiosa V. Pagudpud &amp; Princess Reinadel D. Alejandro</b>	<b>Lynle C. Cacho</b>	<b>Lara Marinnete G. Landayan</b>

**DAY 1 – May 16, 2019 (Thursday) | PARALLEL SESSIONS 3 (17:00-17:30)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
Enhancing science inquiry skills via socio-scientific based instruction	Enhancing 21st century skills through flexibly-paced collaborative writing and G Suite	Designing software for children with high functioning autism spectrum disorder (HFASD)	Mathematical model on the mathematical skills of freshmen and sophomore engineering students of Quirino State University	Project T.E.A.C.H.: Input for RPMS-PPST professional development for teachers	Honesty Store: Students' home for education and development	History within history: Tracing the development of the History Program in the University of Santo Tomas (1951-2018)
<b>Ronaldo C. Reyes</b>	<b>Kornellie L. Raquitico</b>	<b>Melody Angelique C. Rivera</b>	<b>Gideon D. Oray, Ruel D. Cabigas &amp; Joshua O. Delos Santos</b>	<b>Helen C. Aure, Joefel S. Horca &amp; Anna Marie S. Aranzanz</b>	<b>Joie E. Buendia, Conrado D. Obar, Jr. &amp; Gina Alberto</b>	<b>Archie B. Resos</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 4 (08:30-09:00)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
Non-physics majors' level of confidence in teaching physics: Basis for a teacher enhancement program	Gen Z reading motivation in the age of information overload	Level of physical fitness of M.R. learners of EM's Signal Village Elementary School	The application of mathematical concepts to actual fieldwork of the Bachelor of Science in Civil Engineering graduates	Activity-based via multimedia learning through ISIM to Science 7	PROJECT EARLY (Early Arrival Regularly, Learning Yaply): An intervention program in decreasing students' tardiness	Life dynamics as a behavioral program for student leaders of Jose Rizal University
<b>Rochelle S. Balete &amp; Rubie G. Tagle</b>	<b>Aumi Manansala</b>	<b>Pablo Garcia, Jr.</b>	<b>April Rose M. Galutan &amp; Ernesto F. Capinding, Jr.</b>	<b>Dharyl C. Del Mundo</b>	<b>William C. Agomana, Hasima N. Salic &amp; Mary Flor C. Babia</b>	<b>Jonathan Chiong &amp; Jayces Catipunan-Francisco</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 5 (09:00-9:30)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
Triumphs and travails in science: Lived experiences of learners with special educational needs in inclusive classrooms	Exploring parent-teacher collaboration to improve students' vocabulary skills: An action research	Assessment of reading anxiety and oral reading fluency of Grade 11 students: Towards intervention development	Thwarting of difficulties in polynomial division: The case of synthetic division	ROY A. MOLANDA: An effective EdTech model	Online checking of students' attendance tool: An intervention to increase students' attendance	Effects of using parsing on the writing performance of Grade 10 students of Tibagan High School
<b>Maricar Linga-Moser</b>	<b>Darren Rey C. Javier &amp; Ramier P. Jubay, Jr.</b>	<b>Jane Charity Estrada-Madronero</b>	<b>Eleanor C. Macapal</b>	<b>Roy A. Molanda</b>	<b>Chelou M. Tizon, Luisander C. Luy &amp; Lilibeth Y. Abamonga</b>	<b>Annabelle Cuevas Rabulas</b>



**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 6 (09:30-10:00)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
<i>The Influence of strategic intervention materials toward science achievement</i>	<i>Gay lingo in focus: A morphological exploration</i>	<i>Perception of teachers and administrators on integrating contemporary Filipino social issues in the classroom</i>	<i>Designing realistic mathematics lessons towards improving mathematical productive disposition</i>	<i>Leadership styles of school heads: Basis for training needs</i>	<i>Attitudes, awareness and skills of public school teachers towards inclusive education</i>	<i>Aplikasyung Android Wattpad sa asignaturang Filipino para sa Baitang Walong (8) mag-aaral sa ika-21 siglong pagkatuto</i>
<b>Crystal Jade S. Mongas</b>	<b>Sherill G. Dumaga</b>	<b>Laurence Jonathan T. De Guzman</b>	<b>Von Christopher G. Chua</b>	<b>Roda D. Johnson</b>	<b>Michael E. Ecoben, Melecio L. Tuba &amp; Jemuel M. Galay</b>	<b>Ian Martinez Cristobal</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 7 (10:30-11:00)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
<i>Developing science inquiry skills of kindergarteners through art-making</i>	<i>Voices from within: Students' lived experiences on English language anxiety</i>	<i>Strengthening teachers' classroom practices using Teacher Cognition Framework and School-based Learning Action Cell</i>	<i>Computer Engineering students performance using the Udemy and Khan Academy videos in learning differential equations</i>	<i>School administrators' management practices in relation to school performance</i>	<i>Teachers' commitment and job satisfaction</i>	<i>Capacitating students' disaster and emergency preparedness practices through a localized emergency procedures framework</i>
<b>Carla S. Abogadil, Helen Joy L. Rivera &amp; Ma. Elena P. Hojilla</b>	<b>Roselle M. Soriano</b>	<b>Sedfrey Aldrich P. Obar</b>	<b>Rafael J. Eusebio, Jr.</b>	<b>Rodney Allan V. Gianan</b>	<b>Myleen P. Acebes</b>	<b>Cenando J. Bodanio, Jr.</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 8 (11:00-11:30)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6	Room 7
<i>Electronic Strategic Intervention materials (e-SIMs) in chemistry for Grade 9 students</i>	<i>Blended e-learning approach to improve students conceptual understanding of English tenses</i>	<i>A casual-comparative study on the academic stress experience between private and public senior high school students</i>	<i>Visual Model Approach in solving algebraic word problems among Grade 7 STE students</i>	<i>School to School Partnership Program: Impact on the leader school and partner school</i>	<i>Distributed teacher leadership practices of the Religious of the Virgin Mary (RVM) schools</i>	<i>BISITA 1-on-1: A "personal touch strategy" to increase the mobilization of Brigada Eskwela Program</i>
<b>Maejen Clovelle T. Ebojo, Joey-Nell Marzan, Katya Amelia A. Valido, Juvelyn A. Raguini, Erika Joyce A. De Ramos &amp; Esralyn P. Ignacio</b>	<b>Lovely Rollaine B. Cruz</b>	<b>Mark Lester Q. Escalera &amp; Ma. Rachele Kim L. Aure</b>	<b>Margareth H. Macabodbod &amp; Perry Jane Q. Cañete</b>	<b>Joie E. Buendia, Rosalie Gorgonio, Salvador Espineli &amp; Maria Bernadette C. Peji</b>	<b>Maricel C. Corpuz</b>	<b>Mitchel Deramas</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 9 (11:30-12:00)**

Room 1	Room 2	Room 3	Room 4	Room 5	Room 6
Easing anxiety in learning organic chemistry through visual art projects	Magbebat ita: Reviving the ethnolinguistic vitality of Subanen pupils through songs	Inmates' children: The collateral victims of justice	Analyses of STEM students' trigonometric differentiation and integration solutions	TALKHANGG: An inter-agency campaign regulating entry of students to computer shops during class hours	Improving the research competency of teachers in Pozorrubio II
<b>Kimberly C. Rivera</b>	<b>Nilda A. Aclao, Marites B. Barrientos &amp; Joel T. Aclao</b>	<b>Stephen R. Dumaga</b>	<b>Chonilo S. Saldon</b>	<b>Mary Joan J. Cajella, William C. Agomana, Maurita M. Donasco, Leah Lyn Lingatong &amp; Dinah Zoraida B. Zamora</b>	<b>Roda D. Johnson</b>

**DAY 2 – May 17, 2019 (Friday) | POSTER SESSIONS 1 (14:30-15:00)**

Poster Session 1	Poster Session 1	Poster Session 1	Poster Session 1	Poster Session 1	Poster Session 1
Exploring the culture of contextualization : Relating the lessons to students' lives	School environment, personal traits in relation to learner's mathematical achievement	Workplace performance of Bicol college graduates: Employers' perspective	Developing digital comics as instructional material for human anatomy	Utilization of expansive technology tools in Science classroom assessment and its perceived impact to student's KSA	The collaborative approaches in teaching mathematics and English in Salawag Elementary School
<b>Alvin Odon Insorio</b>	<b>Mark Fil L. Tagsip</b>	<b>Leah M. Marcellana, Pedro M. Marcellana, Jr., Maria Luz T. Macasinag, Mary Ann L. Lachama &amp; Theresa T. Nasser</b>	<b>Alyssa Mae M. An, Kimberly C. Rivera, Trishia Mae S. Pascual, Gladys Anne D. Cruz &amp; Bernadette V. Lulu</b>	<b>Johnny T. Samino</b>	<b>Ma. Rizalina U. Dajao &amp; Bonifacio S. Furigay</b>

**DAY 2 – May 17, 2019 (Friday) | POSTER SESSIONS 2 (15:00-15:30)**

Poster Session 2	Poster Session 2	Poster Session 2	Poster Session 2	Poster Session 2	Poster Session 2	Poster Session 2
Harmonizing literature circles and differentiation in improving critical reading skills	Publishing knowledge: Proposed orientation program for UP Press in engaging scholars to academic publishing	Level of awareness and extent of implementation of Child Protection Policy in the selected public schools	Math Skillbuilders: An innovation in strengthening factoring skills among Grade 8 STEM students	Addressing problems of students at risk of dropping out at Kinawe National High School through strengthened monitoring	All-In-One (AIO) MAPEH e-Class Record	Teachers' practices toward behavior modification: An action research study in Oyan Elementary School
<b>Bryan A. Pobe</b>	<b>Christine Marie Lim Magpile</b>	<b>Kenny Valle P. Bacarro</b>	<b>Marijane G. Ongsoyco, Cherry Mae P. Casinillo &amp; Suzette B. Puti-an</b>	<b>Monaliza S. Agsalog</b>	<b>Aris A. Rusiana</b>	<b>Naomie B. Daguinotas</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 10 (16:00-16:30)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Reaching digital native learners using Kahoot in earth and life science</i>	<i>Pragmatics of prosody in Meranaw conversations: A Grounded Theory research</i>	<i>Resurgent exigency of values enculturation among Gen Zers</i>	<i>Effectiveness of SIM in improving competency among Grade 5 pupils of Valeriano E. Fugoso Memorial School</i>	<i>Identification of recyclable waste materials: Basis for the conceptualization and production of new products</i>
<b>Jonalyn G. Poserio</b>	<b>Rohaida M. Derogongan</b>	<b>Mary Angel L. Gavina</b>	<b>Marites B. Halcon</b>	<b>Susan G. Nanglihan</b>

**DAY 2 – May 17, 2019 (Friday) | PARALLEL SESSIONS 11 (16:30-17:00)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Flip in a Grade 9 Chemistry class</i>	<i>Modified Lab Rotation Model : Blended e-learning approach to improve students' conceptual understanding of English tenses</i>	<i>Students' knowledge on disaster preparedness: Basis for strengthening content integration in Araling Panlipunan 10</i>	<i>The readiness of the faculty members of Quirino State University, Cabarroguis campus towards e-learning implementation</i>	<i>Level of acceptance of the total plastic bag ban among the registered store owners and personnel at Diffun Public Market</i>
<b>Odyssa Natividad M. Molo</b>	<b>Lovely Rollaine B. Cruz</b>	<b>Rene B. Edullantes &amp; Nick Raynier M. Paez</b>	<b>Wilyn S. Marzo</b>	<b>Leny L. Guinumtad</b>

**DAY 3 – May 18, 2019 (Saturday) | PARALLEL SESSIONS 12 (09:00-09:30)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Influences of the Three Dimensional Model of Instruction (TDMI) on students' conceptual understanding in genetics</i>	<i>Rule-output-correction at output-rule-output strategy sa pagsulat ng komposisyon</i>	<i>Challenges and problems met by the resource teachers in the implementation of field study program</i>	<i>Learning computational thinking through a collaborative mobile serious game</i>	<i>Problem-based learning module in the conservation of ecosystem</i>
<b>Fretzie Gay Anne B. Baluyos</b>	<b>Jerick T. Gonzales</b>	<b>Miriam C. Reniedo</b>	<b>Victor Patrick G. Tañedo</b>	<b>Gary Z. Regala &amp; Jennifer D. Regala</b>

**DAY 3 – May 18, 2019 (Saturday) | PARALLEL SESSIONS 13 (09:30-10:00)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Using particulate representation on balancing chemical equations: effects on students' conception and confidence</i>	<i>L2 writing needs of Grade 12 HUMSS students</i>	<i>A comparative study on the academic stress experience between private and public secondary students</i>	<i>Faculty research characteristics and research environment: Underpinnings of the culture of research</i>	<i>Project Developmental Reading Intervention (DRI) on the reading comprehension skills of Grade 7 students</i>
<b>Genara V. Verangel &amp; Maricar S. Prudente</b>	<b>Angelique V. Talusik &amp; Gretzel C. Lindog</b>	<b>Mark Lester Q. Escalera &amp; Ma. Rachelle Kim L. Aure</b>	<b>Lauro S. Aspiras &amp; Gideon D. Oray</b>	<b>Teodorico C. Peliño, Jr.</b>

**DAY 3 – May 18, 2019 (Saturday) | PARALLEL SESSIONS 14 (10:30-11:00)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Students' cognitive Learning and motivation through Hybrid Instructional Strategy</i>	<i>Effectiveness of Language-Centered Reading (LaCeR) program in improving the reading comprehension of G4 pupils</i>	<i>Improving graphical data analysis skills through Task Achievement Model</i>	<i>Bottom-up pedagogical construction through photographs: Proposed integration of ecopedagogy and inferential statistics</i>	<i>Context-based approach in chemical bonding: Towards students' learnings and motivation in chemistry</i>
<b>Gilden Maecah M. Migalang</b>	<b>Eloisa P. Acedillo</b>	<b>Rhea SB. Samino</b>	<b>Robert Matthew de Castro &amp; Roland Andrew de Castro</b>	<b>Luningning M. Dela Cruz &amp; Eufrecina Jean R. Ramirez</b>

**DAY 3 – May 18, 2019 (Saturday) | PARALLEL SESSIONS 15 (11:00-11:30)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Improving the academic achievement of Grade 9 students in science thru inquiry-based technology enhanced activities</i>	<i>Multimodality: Stimulating an ambiance of fun and effective learning of oral communication</i>	<i>The use of Interactive Whiteboard System in teaching science: Implication to academic achievement</i>	<i>Analyses of STEM students' trigonometric differentiation and integration solutions</i>	<i>Guided inquiry approach in improving 21st century skills and learning attitudes of students towards physics</i>
<b>Agape Grace D. Riveza</b>	<b>Arlyn Balaba Dawadias</b>	<b>Joan C. Vargas</b>	<b>Chonilo S. Saldon</b>	<b>Arra Q. Abaniel &amp; Voltaire Mistades</b>

**DAY 3 – May 18, 2019 (Saturday) | PARALLEL SESSIONS 16 (11:30-12:00)**

Room 1	Room 2	Room 3	Room 4	Room 5
<i>Flipped classroom: An instructional strategy in increasing the performance of hearing impaired student in Science</i>	<i>Custom-Fit Learning: Integration of industry-based instructional materials in the senior high school-automotive strand</i>	<i>Effects of experiential learning approach on the academic performance &amp; motivation to learn Physics of Grade 10 students</i>	<i>Performance of special science students in DOST scholarship qualifying examination</i>	
<b>Mariz Lynne C. Lao, Amor C. Fajardo &amp; Wilbert Docdoc</b>	<b>Dareen Louise M. Guisehan</b>	<b>Monaliza S. Agsalog</b>	<b>Leody S. Tagulao</b>	

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### PROGRAM OVERVIEW

#### Day 1 – May 16, 2019 (Thursday)

07:30 – 09:00	Registration	HSSH 5/F
09:00 – 09:45	Opening Ceremony	TYA 6/F
09:45 – 10:45	<b>Keynote Lecture: Anne Burns</b>	TYA 6/F
10:45 – 11:00	Group Picture	TYA 6/F
11:00 – 12:00	<b>Plenary Lecture: Mary Brydon-Miller</b>	TYA 6/F
12:00 – 13:30	LUNCH	HSSH 5/F lobby
13:30 – 15:30	Lecture-Seminars	Y407-409; Y507
15:30 – 16:00	PM Snacks	HSSH 5/F lobby
16:00 – 17:30	Parallel Sessions 1 – 3	Y 403-405; Y503-506

#### Day 2 – May 17, 2019 (Friday)

08:30 – 10:00	Parallel Sessions 4 – 6	Y 403-405; Y503-506
10:00 – 10:30	AM Snacks	HSSH 5/F lobby
10:30 – 12:00	Parallel Sessions 7 – 9	Y 403-405; Y503-506
12:00 – 13:30	Lunch	HSSH 5/F
13:30 – 14:30	<b>Plenary Lecture: Muhammad Kabilan</b>	TYA 6/F
14:30 – 15:30	Poster Sessions 1 & 2	HSSH 5/F
15:30 – 16:00	PM Snacks	HSSH 5/F lobby
16:00 – 17:00	Parallel Sessions 10 - 11	Y 403-405; Y503-506
19:00 – 21:00	LIDER Anniversary Dinner	AGH 20/F

#### Day 3 – May 18, 2019 (Saturday)

09:00 – 10:00	Parallel Sessions 12 – 13	Y 403-405; Y503-506
10:00 – 10:30	AM Snacks	HSSH 5/F lobby
10:30 – 12:00	Parallel Sessions 14 – 16	Y 403-405; Y503-506
12:00 – 13:30	Lunch	HSSH 5/F
13:30 – 14:30	<b>Plenary Lecture: Maricar Prudente</b>	Y 403-405; Y503-506
14:30 – 15:30	<b>Plenary Lecture: Raymund Sison</b>	TYA 6/F
15:30 – 16:00	Closing/Awarding Ceremony	TYA 6/F
16:00 – 16:30	Distribution of Certificates/Snacks	HSSH 5/F

**Legend:** HSSH – Henry Sy, Sr. Hall  
TYA – Teresa Yuchengco Auditorium

AGH – Br. Andrew Gonzalez FSC Hall  
Y – Yuchengco Hall