



Republic of the Philippines

Department of Education

Region IV-A (CALABARZON)

Division of Cavite

Trece Martires City, Cavite



C-816  
1/24/19  
11:51

Certificate Number: AJA17-0083

January 23, 2019

## DIVISION MEMORANDUM

No. 027, s. 2019

### 2019 RESEARCH ADVOCACY FOR COMMUNITY EMPOWERMENT (RACE)

TO: OIC, Assistant Schools Division Superintendent  
Chief, Curriculum Implementation Division  
OIC Chief, School Governance and Operations Division  
Education Program Supervisors  
Public Schools Division Supervisors  
Communication Relations Officer  
Public and Private Elementary and Secondary School Heads  
Teacher and Student Researchers

1. With reference to Regional Memorandum No. 67 s. 2019, the Ascendens Asia – Singapore is set to conduct the 2019 Research Advocacy for Community Empowerment (RACE) Philippines on February 28, 2019 in various Schools Divisions in the Philippines with the theme is “Celebrating the Transformative Power of Research”.

2. The activity specifically aims to:

2.1 provide an opportunity to develop young participants' presentation skills to interrelate/interact with other researchers;

2.2 advance participants' personality development and critical thinking skills as they engage themselves in constructive discussions with other researchers;

2.3 raise 200,000 research abstracts and publish them through Ascendens Asia Journal of Multidisciplinary Research - Singapore at [www.aaresearchindex.com](http://www.aaresearchindex.com) under the National Library of Singapore;

2.4 be the largest simultaneously organized research event done by a country in multiple locations by Guinness World Records.

3. This Office highly encourages public and private elementary, junior and senior high school students, teachers, staff, professionals, and other researchers including the SDO personnel to join the said activity. Interested participants may submit researches conducted from 2016 to 2019 regardless whether these have been presented or not in other conferences. The following papers are welcome for submission:

- 3.1. Basic and Action Researches (e.g. CIP, SSP, GAD, and Saliksuri)
- 3.2. Theses and Dissertations
- 3.3. Senior High School Qualitative and Quantitative Researches)
- 3.4. Elementary, Junior and Senior High School Science Investigatory Projects





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- 3.5. Feasibility Studies
- 3.6. Capstone Projects and Project Studies
- 3.7. Engineering and Robotics
- 3.8. Policy Related and Development Studies
- 3.9. Feasibility Study
- 3.10. Business Plan Action
- 3.11. Research Project Study
- 3.12. IT System Action Plan
- 3.13. Office Procedures
- 3.14. Human Resource Development
- 3.15. Policy Investigatory Project

4. This one-day event will host both competition and exhibition. The COMPETITION is open for junior and senior high school students only and is limited to 10 entries per school. It is understood that the best ten student researches of the school will be registered for the competition while the rest shall be registered for EXHIBITION which is likewise open for all students, teachers and professionals.

5. Awards and prizes at stake for the competition are as follows:

5.1. For the Researcher

Best Paper	P10,000   Race Medallion  Certificate
1st Runner Up	P 4,000   Race Medallion  Certificate
2nd Runner Up	P 2,000   Race Medallion   Certificate
3rd Runner Up	Race Medallion

5.2. For the Research Advisers

All Receive a Plaque and Merit Certificate

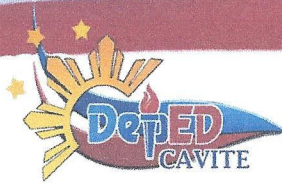
5.3. For the School

Best Paper	P300,000 Worth Of Learning Solutions From Race Global Partner   Race Plaque
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1st-3rd Runners-up P 50,000 Worth Of Learnings Solutions From Race Global Partner| Race Plaque

6. Interested researchers may still submit their research entries to the Official RACE 2019 website [www.race2transform.com](http://www.race2transform.com) until January 30, 2019 (for competition only) and February 11, 2019 (for exhibition only).

7. A registration fee of one thousand and fifty Pesos (Php 1,050.00) for competition and nine fifty pesos (Php 950.00) for exhibition shall be collected to cover poster printing, kits, AM/PM snacks and publication processing. Expenses relative to this activity shall be charged against MOOE and/or other local funds subject to the usual accounting rules and regulations.



Republic of the Philippines

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Region IV-A (CALABARZON)

Division of Cavite

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Certificate Number: AJA17-0083



8. Payment of registration fees shall be made through:

Palawan Express Padala Account Name: RACE AAG

Metrobank – SA# 640-3-64031216-6

BDO- SA# 0005-0042-0769

BPI – SA# 003133-3425-15

All under the Account Name of Ascendens Asia PH Inc.

9. Attached are the guide to RACE, sample certificate of originality, abstract guidelines, abstract sample criteria for judging, and awards for your reference.

10. For questions and other concerns, please contact:

Dr. Maria Bryce Fabro : 0917 356 7471  
0923 103 9183

Ms. Lormie Garay : 0939 924 1409

Ms. Viernalyn M. Nama : 0916 681 4652

Mr. Jumar M. Sadsad : 0909 485 85 98

11. In line with the division's coordination with the aforesaid conference, Ms Riza Soberano, Master Teacher II of Bucal National High School, is designated as the Communication Relations Officer of the division for RACE 2019. Henceforth, coordination and information pertinent to the RACE conference shall be coursed through her.

12. Immediate dissemination of this Memorandum is earnestly desired.

Dr. ELIAS A. ALICAYA, JR. Ed.D.

OIC-Assistant Schools Division Superintendent

For: **CHERRYLOU D. REPIA**

Schools Division Superintendent





Republic of the Philippines  
Department of Education  
**REGION IV-A CALABARZON**  
Gate 2 Karangalan Village  
1900 Cainta, Rizal



**TO :** SCHOOLS DIVISION SUPERINTENDENTS  
FUNCTIONAL DIVISION CHIEFS  
ALL PUBLIC AND PRIVATE SCHOOLS HEADS  
ALL OTHERS CONCERNED

**FROM :** DIOSDADO M. SAN ANTONIO  
Director IV *for 1/22/19*

**SUBJECT :** 2019 RESEARCH ADVOCACY FOR COMMUNITY EMPOWERMENT  
(RACE)

**DATE :** January 22, 2019

1. The Ascendens Asia – Singapore will hold the 2019 Research Advocacy for Community Empowerment (RACE) Philippines on February 28, 2019 in various Schools Divisions in the Philippines. The theme is “Celebrating the Transformative Power of Research”.

2. The activity specifically aims to:

2.1 provide an opportunity to develop young participants' presentation skills to interrelate/interact with other researchers;

2.2 advance participants' personality development and critical thinking skills as they engage themselves in constructive discussions with other researchers;

2.3 raise 200,000 research abstracts and publish them through Ascendens Asia Journal of Multidisciplinary Research - Singapore; and

2.4 be the largest simultaneously organized research event done by a country in multiple locations by Guinness World Records.

Trunk Line: (02) 682-5773 / 684-4914 / 647-7487  
Fax: (02) 682-2114  
Website: [depedcalabarzon.ph](http://depedcalabarzon.ph)  
Facebook: DepEd R-4A Calabarzon  
E-mail: [region4a@deped.gov.ph](mailto:region4a@deped.gov.ph)





3. This Office highly encourages junior and senior high school students, teachers, staff, professionals, and other researchers including the Regional and SDO personnel to join the said activity.

4. This one-day event will host both competition and exhibition. The COMPETITION is open for junior and senior high school students only while the EXHIBITION is open for all students, teachers and professionals. The conference is open to the public (whether public or private schools).

5. Interested researchers may still submit their research entries to the Official RACE 2019 website [www.race2transform.com](http://www.race2transform.com) until January 30, 2019 (for competition only) and February 11, 2019 (for exhibition only) .

6. A registration fee of One Thousand and Fifty Pesos (Php 1,050.00) for competition and Nine Hundred Fifty Pesos (Php 950.00) for exhibition shall be collected. It will cover poster printing, kits, AM/PM snacks and publication processing. Expenses relative to this activity shall be charged against MOOE and/or other local funds subject to the usual accounting rules and regulations.

7. Payment of registration fees shall be made through:

Palawan Express Padala  
Account Name: **RACE AAG**

Metrobank – **SA# 640-3-64031216-6**

BDO- **SA# 0005-0042-0769**

BPI – **SA# 003133-3425-15**

All under the Account Name of **Ascendens Asia PH Inc.**

8. Attached are the guide to RACE, abstract guidelines, abstract sample, criteria for judging and awards to be given away for your reference.

9. For questions and other concerns, please contact:

Dr. Maria Bryce Fabro :0917 356 7471  
(RACE National Director) 0923 103 9183

Ms. Lormie Garay :0939 924 1409  
(RACE National Communications Director)

Ms. Viernalyn M. Nama :0916 681 4652  
(OIC-Chief, PPRD, Regional Office)

Mr. Jumar M. Sadsad :0909 485 85 98  
(Research Coordinator, PPRD, Regional Office)

10. Immediate dissemination of this memorandum is earnestly desired.



## A GUIDE TO RACE

RACE (Research Advocacy for Community Empowerment):  
A Multidisciplinary Research Competition and Exhibition

I. TITLE: RESEARCH ADVOCACY FOR COMMUNITY EMPOWERMENT  
A MULTIDISCIPLINARY RESEARCH COMPETITION & EXHIBITION

II. THEME: CELEBRATING THE TRANSFORMATIVE POWER OF RESEARCH  
III. MULTIDISCIPLINARY COVERAGE:

Thesis/dissertation  
Feasibility Study  
Business Plan  
Action Research  
Project Study (IT System)  
Action Plan  
Office Procedures  
Engineering and Robotics  
Human Resource Development Policy  
Investigatory Project  
And others

IV. RATIONALE:

RACE is primarily designed to create opportunities for students, faculty, staff, professionals, and researchers-alike from different institutions to interrelate/interact with their counterparts in both a friendly yet competitive atmosphere. As the title speaks, it will be a Tournament + Festival.

**COMPETITION:** A Research Poster Presentation Competition to be participated in by public and private high school students (junior and senior levels).

### FOR PUBLIC SCHOOLS

The top 10 best research papers from each and every school in the area of coverage of a certain Schools Division may be entered as competition entries.

Submission for all competition entries will be through [www.race2transform.com/register](http://www.race2transform.com/register)

Deadline for submission: **JANUARY 30, 2019, 12 Midnight.**

Registration Fee for competition: P1,050 Php per abstract/ author

**NOTE: Research advisers of each paper is FREE, no registration required.**

### FOR PRIVATE SCHOOLS

There are (2) two participation modes for the private school- group:

- SOLID SCHOOL HOSTING (SSH)
- LEAD SCHOOL HOSTING (LSH)



SSH- is a registration done by the sole interested private school to host RACE.

SSH means that the private school has minimum of **200 research abstracts** register, either for competition or exhibition. There is NO limit for competition entries. The top 10 adjudged as best papers will automatically be competing for the Regional level on March 28, 2019. (Please see Attached annex: SPC Poster 1) Registration fee: P 1,050 – competition

P 950 - exhibition

LSH – is a registration done by a private school willing to be the channel partner for other private schools in the same area or division/association to host RACE. The Lead School host shall endeavor to gather 200 research abstracts from all the other participating schools. (Please see attached annex: SPC Poster 2)

Registration fee: P 1,050 – competition

P 950 – exhibition

**NOTE: SSH & LSH receive partnership financial incentive. This will be stipulated in the Terms of Reference/MOU.**

**EXHIBITION:** A Research Poster Presentation Exhibition to be participated in by public and private high school students, college students, teachers, professors and other professionals from varied fields.

***No paper/s will be rejected. The concept of inclusivity will be fostered as this event is designed with an ultimate goal of promoting and celebrating research culture.***

## V. OBJECTIVES

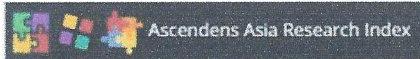
In general terms, RACE advocates for research consciousness and mindset towards a research-driven Philippines. In specific terms, below are descriptions of what RACE wants to achieve as an initiative:

- A. Provide an opportunity to develop young participants' presentation skills to interrelate/interact with other researchers.
- B. Advances participants' personality development and critical thinking skills as they engage themselves in constructive discussions with other participating researchers.
- C. Publish all abstracts registered to RACE and provide an e-copy of the "Ascendens Asia Journal of Multidisciplinary Research Abstracts" and "Ascendens Asia Journal of Multidisciplinary Research submitted to the National Library Board of Singapore.
- D. Certificate of Participation jointly issued by Ascendens Asia Singapore, Singapore Institute of Multidisciplinary Professions, and collaborating institution/s.
- E. Certificate of Recognition jointly issued by Ascendens Asia Singapore, Singapore Institute of Multidisciplinary Professions, and collaborating institution/s.
- F. Recognize research leaders who supported RACE.
- G. Prizes for the authors of winning research papers.
- H. Aspires to be the largest simultaneously organized research event done by a country in multiple locations by Guinness World Record.
- I. Raise 200,000 research abstracts and publish them at [www.aaresearchindex.com](http://www.aaresearchindex.com) under National Library of Singapore.

## RESEARCH ABSTRACTS PUBLICATION



PKP|INDEX



Ascendens Asia Journal of Multidisciplinary Research  
Abstracts

ISSN: 2591-7064

All registered research output will be published by AA Singapore, regardless of whether for Competition or for Exhibition.

Indexed and archived by:

- National Library Board of Singapore
- PKP Index
- Ascendens Asia Research Index

### VI. RACE VENUES

RACE categorized (3) three venues. They are as follows:

- DEPED DIVISION SCHOOL VENUES
- SPECIAL PRIVATE SCHOOL VENUES
- VIRTUAL RACE

#### A. DEPED DIVISION SCHOOL VENUES (DD)

Venues under the Deped Division Schools are assigned by the Schools Division Superintendent and/or the ASDS. RACE requires a letter from the SDO assigning the school and the COMREL(s) that will host RACE on February 28, 2019. The letter from the respective SDOs makes the engagement and partnership official. All host schools per division will be published at [www.race2transform.com](http://www.race2transform.com) starting **February 15, 2019. Cut of submission of SDOs until February 11, 2019, 5PM.**

**NOTE:** All SDO Venue confirmation must be emailed to [director.ph@race2transform.com](mailto:director.ph@race2transform.com), copy furnish- [brycefabro514@gmail.com](mailto:brycefabro514@gmail.com). All Deped SCHOOLS assigned as host will receive mobility fund from RACE MANAGEMENT.

#### B. SPECIAL PRIVATE SCHOOL VENUES (SPC)

Venues under Special Private Schools are either targeted for invitation or they express their intent by writing RACE National Director at [director.ph@race2transform.com](mailto:director.ph@race2transform.com), copy furnish [brycefabro514@gmail.com](mailto:brycefabro514@gmail.com). All SSH & LSH sign a Terms of Reference or Memorandum of Understanding (MOU) with RACE. Financial incentives will be discussed in the TOR/MOU.

#### C. VIRTUAL RACE (VR)

Virtual RACE is a web-based venue for participants coming from regions and divisions that are NOT officially participating with RACE. Giving everyone the equal opportunity to participate based on personal decision. NOTE: All submissions that belong to a non-participating Region/ division will automatically be registered to VR. **Registration for Exhibition: P 950**



## VII. ELIGIBILITY

To be eligible for both COMPETITION AND EXHIBITION, the paper must be an original work by the author and/or co-researcher/s, if any, would have completed within the past 3 years (2016 to present) and submitted with a "Declaration of Originality" signed by the author and co-researcher/s, if any.

## VIII. REGISTRATION FEES

Competition: P1,050

Exhibition : P 950

Observer: P 750

**NOTE: All these fees include KIT, certificate of participation, AM/PM snacks, printing of the research poster**

## IX. PRIZES, AWARDS AND PRIVILEGES

BEST PAPER	P10,000   RACE Medallion  Certificate
1 <sup>ST</sup> RUNNER UP	P 4,000   RACE Medallion  Certificate
2 <sup>ND</sup> RUNNER UP	P 2,000   RACE Medallion   Certificate
3 <sup>RD</sup> RUNNER UP	RACE Medallion

### A. RESEARCH ADVISERS

All receive a PLAQUE and Merit Certificate

### B. SCHOOL

Best paper - P300,000 worth of Learning Solutions from RACE  
GLOBAL PARTNER | RACE Plaque

1<sup>st</sup>-3<sup>rd</sup> runners up P 50,000 worth of Learnings Solutions from RACE  
GLOBAL Partner| RACE Plaque

### C. DIVISION (DISTINGUISHED DIVISION AWARD)

This is awarded to the division within RACE competing region that registers the highest number of research abstracts (both competition and exhibition).

- P300,000 worth of research faculty development training programs (seminars and workshops)
- Assistance from Ascendens Asia Singapore to publish up to 200 full papers for free within a year.
- Special Leadership Citation to the following leaders: Schools Division Superintendent  
Assistant Schools Division Superintendent  
(2) Senior Education Program Specialists in Research  
(2) Research Coordinators
- \$5,000 USD Learnings softwares from RACE Global partners

#### **D. REGION (REGION WITH A MISSION AWARD)**

#### **NOTE: TO BE A REGION WITH A MISSION QUALIFIER, THE FOLLOWING MUST BE DONE:**

- There must be a strong support on the advocacy by the Regional Director. This is shown through a memorandum or advisory, whichever is appropriate.
- The Region signs up as a participating region for RACE 2019;
- The Region, through its Policy, Planning and Research Division (PPRD) must have an inventory of the following research abstracts of the following multidisciplinary papers such as:
  - Thesis/dissertation
  - Feasibility Study
  - Business Plan Action
  - Research Project Study
  - (IT System) Action Plan
  
  - Office Procedures
  - Engineering and Robotics
  - Human Resource Development
  - Policy Investigatory Project
- There must be a strong collaboration by PPRD and its Senior Education Program Specialists in Research;
- Contribute 20% of the targeted research abstracts and fully register them with RACE. **Cut off for submission can be negotiated case to case basis.**

#### **REGION WITH A MISSION AWARDEE receives:**

- P500, 000 in cash for research development fund
- P500,000 worth of research programs and seminars by Ascendens Asia-Singapore
- RACE Champion trophy
- \$10,000USD (P 520,000) worth of learning software from our global partners
- Assistance of full publication of 500 full research papers
- International Recognition as DIFFERENCE-MAKERS in RESEARCH to the following:
  - Regional Director
  - Assistant Regional Director
  - PPRD Chief
  - Research Supervisor
- RACE Medallion and Plaque for all awardees

**NOTE: Awarding will be on April 27, 2019 at Marriot Hotel, Manila.  
This is will be published in National Dailies.**

#### **X. PAYMENT**

**PALAWAN EXPRESS (NATIONWIDE): ACCOUNT- RACE AAG**

**METROBANK - SA# 640-3-64031216-6**

**BDO - SA# 0005-0042-0769**

**BPI - SA# 003133-3425-15**

**All under the Account Name of ASCENDENS ASIA PH INC.**





**I am not a high school student but would like to showcase my research work, can I still join the RACE?**

**The conference is open to the public. Students, whether from public or private schools as well as professionals are invited to submit proposals for papers and may join the exhibit.**

**Do I need to submit the whole research paper?**

**No, entries must be submitted in a research abstract form. Below is a suggested abstract flow.**

<b>Introduction</b>	25% of the space on importance of research	Begin by explaining to your readers what problem you researched and why the research is necessary. Convince readers that it is important that they continue to read. Discuss the current state of research in your field, expose a “gap” or problem in the field, and then explain why your present research is a timely and necessary solution to that gap.
<b>Methods</b>	25% of the space on what you did	Methods are usually written in past tense and passive voice with lots of headings and subheadings. This is the least-read section of an IMRaD report.
<b>Results</b>	35% of the space on what you found: this is the most important part of the abstract	Results are where the findings and outcomes of the research go. When talking about this data, we can think of the results as having two parts: report and comment. The reporting function always appears in the results section while the comment function can go in the discussion section. Make sure all tables and figures are labeled and numbered separately. Captions go above tables and beneath figures.
<b>Discussion</b>	15% of the space on the implications of the research	Discussion sections contain the following moves: <ol style="list-style-type: none"> <li>1. They summarize the main findings of the study. This allows readers to skip to the beginning of the discussion section and understand the main “news” in the report.</li> <li>2. They connect these findings to other research</li> <li>3. They discuss flaws in the current study.</li> <li>4. They use these flaws as reasons to suggest additional, future research.</li> <li>5. (If needed) They state the implications of their findings for future policy or practice.</li> </ol>

## What are the requirements for a research abstract?

Research Abstract must be in English (if in another language, there should be an available English-translated version). An abstract summarizes the key points of the manuscript in 150 to 450 words. The whole paragraph covers the Introduction, Methods, Results and Discussions of any of the following acceptable papers:

- |                       |                             |                              |
|-----------------------|-----------------------------|------------------------------|
| ✓ Thesis/Dissertation | ✓ Project Study (IT System) | ✓ Human Resource Development |
| ✓ Feasibility Study   | ✓ Action Plan               | ✓ Policy                     |
| ✓ Business Plan       | ✓ Office Procedures         | ✓ Investigatory Project      |
| ✓ Action Research     | ✓ Engineering and Robotics  | ✓ Scientific Papers          |
|                       |                             | ✓ and many other types       |

## NOTE: THE CRITERIA FOR JUDGING AND DETAILS GUIDELINES IS ATTACHED.

### How do I submit my research abstracts?

There are 2 ways to submit:

A. **ONLINE REGISTRATION @ <http://www.register.race2transform.com/login>**

This is for individual submissions and entries submitted from 1- 50 abstracts.

B. **OFFLINE REGISTRATION**

This is for DIVISION SEPS speed lane. We issue a USB to the SEPS in charge with all the needed forms. The SEPS consolidate all the abstracts, saves it at the USB and collects all e-copies of payment receipt. Please send the USB and all **e-copies of receipts to:**

**ASCENDENS ASIA  
ATTENTION: MS. LYN TULLE  
FOR MR. ERIC GARAY  
HEAD, RACE LOGISTICS  
Unit 21-B 3/F Legaspi Towers 300  
Roxas Boulevard, Manila**

### HOW DO I PAY MY REGISTRATION?

You may through the following:

5.1 **PALAWAN EXPRESS (NATIONWIDE): ACCOUNT- RACE AAG**

5.2 **METROBANK - SA# 640-3-64031216-6**

**BDO - SA# 0005-0042-0769**

**BPI - SA# 003133-3425-15**

All under the Account Name of ASCENDENS ASIA PH INC.

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### What do I get from joining the RACE?

ALL RESEARCH PAPER ABSTRACTS accepted and presented, whether for competition or exhibition, during RACE shall be digitally published in the: "Ascendens Asia Journal of Multidisciplinary Research Abstracts" (AAJMRA, ISSN: 2591-7064) to be submitted to the National Library Board of Singapore. AAJMRA is indexed by the National Library Board of Singapore, Ascendens Asia Research Index, and PKP Index. To search for Ascendens Asia Journal Publications, go to <http://eresources.nlb.gov.sg/printheritage/> and search for "ASCENDENS" using "within this site" option. Or, you may visit <https://www.aaresearchindex.com>.



Students, research advisers and even the schools of the Best Papers will receive recognition and cash prizes.

Participants will also receive the following:

- RACE Kits
- A Certificate of Participation
- A Certificate of Recognition
- A CHANCE to WIN Prizes and Plaques/Trophies for the authors of winning research papers
- A CHANCE to WIN Plaques/Trophies for the schools represented by authors of winning research papers.

### How much do I pay?

Registration fee follows:

Competition entries:	P1,050
Exhibition entries :	P 950
Observer :	P 750

### What will happen on February 28, 2019?

On February 28, 2019 the RACE competition and exhibition will organized and launched all over the country. The Research Poster Presentation Competition will be participated in by the top 10 best research papers from each and every public/private school in the area of coverage of a certain Schools Division.

The SEPS assigned by the SDO will be the official COMREL (Communication Relations Officer) representative of RACE Management. The COMREL receives mobility fund from RACE.

**Included in the COMREL Packet:**

Programme  
List of Registered -e-badges  
Posters & KIT  
List of Winners  
Awards and Plaques

### If I co-authored the research, do we register individually?

YES, registration is PER AUTHOR PER PAPER.

### So, if I have co-authored 3 researches, I pay 3 times too?

That is right, you will.

### HELPDESK

You may visit us @ [www.race2transform.com](http://www.race2transform.com)

Write to us at [director.ph@race2transform.com](mailto:director.ph@race2transform.com)

National Director DL: 0917.356.7471 or 0923-103-9183

National COMREL Governor DL: 0939-924-1409

Alternate emails: [brycefabro514@gmail.com](mailto:brycefabro514@gmail.com)

[Brycefabro514@yahoo.com](mailto:Brycefabro514@yahoo.com)

## ABSTRACT GUIDELINES

**INSTRUCTIONS:** The following points serve only as general guidelines. Research Abstract must be in English (if in another language, make sure that a translated version is available). An abstract summarizes the key points of the manuscript in 150 to 450 words. It covers the Introduction, Methods, Results and Discussions of any of the following acceptable papers: Thesis/Dissertation, Feasibility Study, Business Plan, Action Research, Project Study (IT System), Action Plan, Office Procedures, Engineering and Robotics, Human Resource Development Policy, Investigatory Project, Scientific Paper, and many other types of research

**INTRODUCTION.** 25% of the space on importance of research. Begin by explaining to your readers what problem you researched and why the research is necessary. Convince readers that it is important that they continue to read. Discuss the current state of research in your field, expose a “gap” or problem in the field, and then explain why your present research is a timely and necessary solution to that gap.

**METHODS.** 25% of the space on what you did. Methods are usually written in past tense and passive voice with lots of headings and subheadings. This is the least-read section of an IMRaD report.

**RESULTS.** 35% of the space on what you found: this is the most important part of the abstract. Results are where the findings and outcomes of the research go. When talking about this data, we can think of the results as having two parts: report and comment. The reporting function always appears in the results section while the comment function can go in the discussion section. Make sure all tables and figures are labeled and numbered separately. Captions go above tables and beneath figures.

**DISCUSSION.** 15% of the space on the implications of the research. Discussion sections contain the following moves: (1) They summarize the main findings of the study. This allows readers to skip to the beginning of the discussion section and understand the main “news” in the report. (2) They connect these findings to other research. (3) They discuss flaws in the current study. (4) They use these flaws as reasons to suggest additional, future research. (5) (If needed, they state the implications of their findings for future policy or practice.

*See example next page.*



**EXAMPLE of an ABSTRACT to be included only in the textbox (DO NOT put any extra heading like Abstract, Your Name, Affiliation, Position/Designation, etc.):**

### **INTRODUCTION**

Medical education researchers regularly develop excellent, evidence-based innovations. Often, these innovations are implemented, yet fail. In our program, we witnessed varying levels of success with an assessment innovation. In this study we explored the reasons for varying levels of success with an innovation that was solidly grounded in evidence and theory.

### **METHODS**

A multiple methods design was used. Using a grounded theory approach, we conducted focus groups with Family Medicine residents. Thirty-two 1st and 2nd year residents across 5 different teaching sites responded to a set of semi-structured questions. An "implementation fidelity" (the degree to which the innovation in action resembles the innovation in theory) inventory was also conducted, with data collected through quantitative analysis of use of the innovation at individual teaching sites.


### **RESULTS**

Many residents who participated in our focus groups perceived substantial problems with the assessment innovation, which stem predominantly from 1) technical issues with the web-based portfolio, and 2) varying levels of preceptor involvement. In some instances, where preceptors sounded highly involved, residents voiced satisfaction with the innovation. Value was seen for learning and for guided self-assessment in sites where implementation fidelity was highest. Sites where champions of the innovation could be identified showed highest implementation fidelity and highest degree of resident perception of learning benefits from the innovation. Frustration with technical clumsiness of the web-based interface was seen for all sites.


### **DISCUSSIONS**

The results demonstrate the need for active preceptor involvement in any medical education innovation in order for the innovation to be effective. Learner-driven innovations will falter when preceptors do not take an active role in effective practice of innovations. Implementation fidelity was a constant factor in the success of the innovation.

## SAMPLE POSTER PRESENTATION



SINGAPORE INSTITUTE OF MULTIDISCIPLINARY PROFESSIONS, ASCENDENS ASIA GROUP AND STEM EDUCATION TRAINING HUB



**1ST SIMP - AAG - STEMHub  
MULTIDISCIPLINARY  
RESEARCH FESTIVAL**  
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Heights Quezon City, Philippines  
18 August 2018 | 8AM - 5PM

**The Impact of Varying Levels of Implementation Fidelity on Resident Perceptions of an Assessment Innovation**

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**ABSTRACT**

**INTRODUCTION**  
Medical education researchers regularly develop excellent, evidence-based innovations. Often, these innovations are implemented, yet fail. In our program, we witnessed varying levels of success with an assessment innovation. In this study we explored the reasons for varying levels of success with an innovation that was solidly grounded in evidence and theory.


**METHODS**  
A multiple methods design was used. Using a grounded theory approach, we conducted focus groups with Family Medicine residents. Thirty-two 1st and 2nd year residents across 5 different teaching sites responded to a set of semi-structured questions. An "implementation fidelity" (the degree to which the innovation in action resembles the innovation in theory) inventory was also conducted, with data collected through quantitative analysis of use of the innovation at individual teaching sites.

**RESULTS**  
Many residents who participated in our focus groups perceived substantial problems with the assessment innovation, which stem predominantly from 1) technical issues with the web-based portfolio, and 2) varying levels of preceptor involvement. In some instances, where preceptors sounded highly involved, residents voiced satisfaction with the innovation. Value was seen for learning and for guided self-assessment in sites where implementation fidelity was highest. Sites where champions of the innovation could be identified showed highest implementation fidelity and highest degree of resident perception of learning benefits from the innovation. Frustration with technical clumsiness of the web-based interface was seen for all sites.

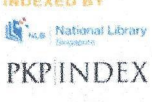
**DISCUSSIONS**  
The results demonstrate the need for active preceptor involvement in any medical education innovation in order for the innovation to be effective. Learner-driven innovations will falter when preceptors do not take an active role in effective practice of innovations. Implementation fidelity was a constant factor in the success of the innovation.

**Keywords:** fidelity, resident perceptions, assessment innovations

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## REFERENCES:

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