



DEPARTMENT OF THE AIR FORCE
59TH MEDICAL WING (AETC)
JOINT BASE SAN ANTONIO - LACKLAND TEXAS

9 MAY 2016

MEMORANDUM FOR SGDTG

ATTN: COL WILLIAM J DUNN

FROM: 59 MDW/SGVU

SUBJECT: Professional Presentation Approval

1. Your paper, entitled **Current Topics and Trends in Military Dental Research: A Tri-Service Panel Discussion** presented at/published to **SURF 2016 (San Antonio Military Health System & Universities Research Forum), UT San Antonio, TX 20 May 2016** with MDWI 41-108, and has been assigned local file #**16197**.
2. Pertinent biographic information (name of author(s), title, etc.) has been entered into our computer file. Please advise us (by phone or mail) that your presentation was given. At that time, we will need the date (month, day and year) along with the location of your presentation. It is important to update this information so that we can provide quality support for you, your department, and the Medical Center commander. This information is used to document the scholarly activities of our professional staff and students, which is an essential component of Wilford Hall Ambulatory Surgical Center (WHASC) internship and residency programs.
3. Please know that if you are a Graduate Health Sciences Education student and your department has told you they cannot fund your publication, the 59th Clinical Research Division may pay for your basic journal publishing charges (to include costs for tables and black and white photos). We cannot pay for reprints. If you are 59 MDW staff member, we can forward your request for funds to the designated wing POC.
4. Congratulations, and thank you for your efforts and time. Your contributions are vital to the medical mission. We look forward to assisting you in your future publication/presentation efforts.

Linda Steel-Goodwin

LINDA STEEL-GOODWIN, Col, USAF, BSC
Director, Clinical Investigations & Research Support

PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS

INSTRUCTIONS

USE ONLY THE MOST CURRENT 59 MDW FORM 3039 LOCATED ON AF E-PUBLISHING

1. The author must complete page two of this form:
 - a. In Section 2, add the funding source for your study [e.g., 59 MDW CRD Graduate Health Sciences Education (GHSE) (SG5 O&M); SG5 R&D; Tri-Service Nursing Research Program (TSNRP); Defense Medical Research & Development Program (DMRDP); NIH; Congressionally Directed Medical Research Program (CDMRP) ; Grants; etc.]
 - b. In Section 2, there may be funding available for journal costs, if your department is not paying for figures, tables or photographs for your publication. Please state "YES" or "NO" in Section 2 of the form, if you need publication funding support.
2. Print your name, rank/grade, sign and date the form in the author's signature block or use an electronic signature.
3. Attach a copy of the 59 MDW IRB or IACUC approval letter for the research related study. If this is a technical publication/presentation, state the type (e.g. case report, QA/QI study, program evaluation study, informational report/briefing, etc.) in the "Protocol Title" box.
4. Attach a copy of your abstract, paper, poster and other supporting documentation.
5. Save and forward, via email, the processing form and all supporting documentation to your unit commander, program director or immediate supervisor for review/approval.
6. On page 2, have either your unit commander, program director or immediate supervisor:
 - a. Print their name, rank/grade, title; sign and date the form in the approving authority's signature block or use an electronic signature.
7. Submit your completed form and all supporting documentation to the CRD for processing (59crdpubspres@us.af.mil). If you have any questions or concerns, please contact the 59 CRD/ Publications and Presentations Section at 292-7141 for assistance.
8. The 59 CRD/Publications and Presentations Section will route the request form to clinical investigations, 502 ISG/JAC (Ethics Review) and Public Affairs (59 MDW/PA) for review and then forward you a final letter of approval or disapproval.
9. Once your manuscript, poster or presentation has been approved for a one-time public release, you may proceed with your publication or presentation submission activities, as stated on this form. **Note:** For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.
10. If your manuscript is accepted for scientific publication, please contact the 59 CRD/Publications and Presentations Section at 292-7141. This information is reported to the 59 MDW/CC. All medical research or technical information publications/presentations must be reported to the Defense Technical Information Center (DITC). See 59 MDWI 41-108, *Presentation and Publication of Medical and Technical Papers*, for additional information.

NOTE: All abstracts, papers, posters, etc., should contain the following disclaimer statement:

"The views expressed are those of the [author(s)] [presenter(s)] and do not reflect the official views or policy of the Department of Defense or its Components"

NOTE: All abstracts, papers, posters, etc., should contain the following disclaimer statement for research involving humans:

"The voluntary, fully informed consent of the subjects used in this research was obtained as required by 32 CFR 219 and DODI 3216.02_AFI 40-402."

NOTE: All abstracts, papers, posters, etc., should contain the following disclaimer statement for research involving animals, as required by AFMAN 40-401_IP :

"The experiments reported herein were conducted according to the principles set forth in the National Institute of Health Publication No. 80-23, Guide for the Care and Use of Laboratory Animals and the Animal Welfare Act of 1966, as amended."

PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS

1. TO: CLINICAL RESEARCH	2. FROM: (Author's Name, Rank, Grade, Office Symbol) WILLIAM J. DUNN, Col, 59DG/SGDTG	3. GME/GHSE STUDENT: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	4. PROTOCOL NUMBER: N/A
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5. PROTOCOL TITLE: (**NOTE:** For each new release of medical research or technical information as a publication/presentation, a new 59 MDW Form 3039 must be submitted for review and approval.)
N/A

6. TITLE OF MATERIAL TO BE PUBLISHED OR PRESENTED:
CURRENT TOPICS AND TRENDS IN MILITARY DENTAL RESEARCH: A TRI-SERVICE PANEL DISCUSSION

7. FUNDING RECEIVED FOR THIS STUDY? YES NO FUNDING SOURCE:

8. DO YOU NEED FUNDING SUPPORT FOR PUBLICATION PURPOSES: YES NO

9. IS THIS MATERIAL CLASSIFIED? YES NO

10. IS THIS MATERIAL SUBJECT TO ANY LEGAL RESTRICTIONS FOR PUBLICATION OR PRESENTATION THROUGH A COLLABORATIVE RESEARCH AND DEVELOPMENT AGREEMENT (CRADA), MATERIAL TRANSFER AGREEMENT (MTA), INTELLECTUAL PROPERTY RIGHTS AGREEMENT ETC.?
 YES NO **NOTE:** If the answer is YES then attach a copy of the Agreement to the Publications/Presentations Request Form.

11. MATERIAL IS FOR: DOMESTIC RELEASE FOREIGN RELEASE
CHECK APPROPRIATE BOX OR BOXES FOR APPROVAL WITH THIS REQUEST. ATTACH COPY OF MATERIAL TO BE PUBLISHED/PRESENTED.

11a. PUBLICATION/JOURNAL (List intended publication/journal.)

11b. PUBLISHED ABSTRACT (List intended journal.)

11c. POSTER (To be demonstrated at meeting: name of meeting, city, state, and date of meeting.)

11d. PLATFORM PRESENTATION (At civilian institutions: name of meeting, state, and date of meeting.)
SURF 2016 (San Antonio Military Health System & Universities Research Forum), UT San Antonio, TX; 20 May 2016

11e. OTHER (Describe: name of meeting, city, state, and date of meeting.)

12. EXPECTED DATE WHEN YOU WILL NEED THE CRD TO SUBMIT YOUR CLEARED PRESENTATION/PUBLICATION TO DTIC
NOTE: All publications/presentations are required to be placed in the Defense Technical Information Center (DTIC).

DATE 13 May 2016	
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13. 59 MDW PRIMARY POINT OF CONTACT (Last Name, First Name, M.I., email) DUNN, WILLIAM J., william.dunn@us.af.mil	14. DUTY PHONE/PAGER NUMBER 210-671-9779
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15. AUTHORSHIP AND CO-AUTHOR(S) List in the order they will appear in the manuscript.

LAST NAME, FIRST NAME AND M.I.	GRADE/RANK	SQUADRON/GROUP/OFFICE SYMBOL	INSTITUTION (If not 59 MDW)
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c. RISK, DOUGLAS	Col	59 DG/DECS	
d. WILLIAMS, RICHARD	COL	USA DTRD	US Army DTRD
e. STAHL, JONATHAN	CAPT	NAMRU	US Navy NAMRU
f. VANDEWALLWE, KRAIG S.	Dr.	59 DTS/DG/SGDTG	

I CERTIFY ANY HUMAN OR ANIMAL RESEARCH RELATED STUDIES WERE APPROVED AND PERFORMED IN STRICT ACCORDANCE WITH 32 CFR 219, AFMAN 40-401_IP, AND 59 MDWI 41-108. I HAVE READ THE FINAL VERSION OF THE ATTACHED MATERIAL AND CERTIFY THAT IT IS AN ACCURATE MANUSCRIPT FOR PUBLICATION AND/OR PRESENTATION.

16. AUTHOR'S PRINTED NAME, RANK, GRADE WILLIAM J. DUNN, Colonel, USAF, DC	17. AUTHOR'S SIGNATURE DUNN.WILLIAM.J.1132571950 <small>Digitally signed by DUNN WILLIAM J 1132571950 DN: cn=DUNN WILLIAM J, o=Government, ou=USAF, email=DUNN.WILLIAM.J.1132571950 Date: 2016.04.28 15:27:58 -0500</small>	18. DATE 28 Apr 2016
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19. APPROVING AUTHORITY'S PRINTED NAME, RANK, TITLE DREW W. FALLIS, Colonel, USAF, DC	20. APPROVING AUTHORITY'S SIGNATURE FALLIS.DREW.W.1123646815 <small>Digitally signed by FALLIS DREW W 1123646815 DN: cn=FALLIS DREW W, o=Government, ou=USAF, email=FALLIS.DREW.W.1123646815 Date: 2016.04.28 16:08:07 -0500</small>	21. DATE 28 Apr 2016
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PROCESSING OF PROFESSIONAL MEDICAL RESEARCH/TECHNICAL PUBLICATIONS/PRESENTATIONS

1st ENDORSEMENT (59 MDW/SGVU Use Only)

TO: Clinical Research Division 59 MDW/CRD Contact 292-7141 for email instructions.	22. DATE RECEIVED 5 May 2016	23. ASSIGNED PROCESSING REQUEST FILE NUMBER 16197
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24. DATE REVIEWED 6 May 2016	25. DATE FORWARDED TO 502 ISG/JAC
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26. AUTHOR CONTACTED FOR RECOMMENDED OR NECESSARY CHANGES: NO YES If yes, give date. _____ N/A

27. COMMENTS APPROVED DISAPPROVED
The presentation is approved.

28. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER Rocky Calcote, PhD, Clinical Research Administrator	29. REVIEWER SIGNATURE CALCOTE.ROCKY.D.1178245844 <small>Digitally signed by CALCOTE ROCKY D 1178245844 DN: cn=US, ou=5, o=Department, email=rocky.d.calcote@us.af.mil, c=US Date: 2016.05.06 09:23:30 -0500</small>	30. DATE
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2nd ENDORSEMENT (502 ISG/JAC Use Only)

31. DATE RECEIVED	32. DATE FORWARDED TO 59 MDW/PA
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33. COMMENTS APPROVED (In compliance with security and policy review directives.) DISAPPROVED

34. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER	35. REVIEWER SIGNATURE	36. DATE
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3rd ENDORSEMENT (59 MDW/PA Use Only)

37. DATE RECEIVED May 06, 2016	38. DATE FORWARDED TO 59 MDW/SGVU May 06, 2016
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39. COMMENTS APPROVED (In compliance with security and policy review directives.) DISAPPROVED

40. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER Christopher Carwile, TSgt/E-6, NCOIC, PA	41. REVIEWER SIGNATURE CARWILE CHRISTOPHER STEW ART.1280477229 <small>Digitally signed by CARWILE CHRISTOPHER STEWART 1280477229 DN: cn=US, ou=5, o=Department, email=carwile.christopher@us.af.mil, c=US Date: 2016.05.06 13:50:55 -0500</small>	42. DATE May 06, 2016
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4th ENDORSEMENT (59 MDW/SGVU Use Only)

43. DATE RECEIVED	44. SENIOR AUTHOR NOTIFIED BY PHONE OF APPROVAL OR DISAPPROVAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> COULD NOT BE REACHED <input type="checkbox"/> LEFT MESSAGE
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45. COMMENTS APPROVED DISAPPROVED

46. PRINTED NAME, RANK/GRADE, TITLE OF REVIEWER	47. REVIEWER SIGNATURE	48. DATE
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Headquarters U.S. Air Force

Integrity - Service - Excellence

San Antonio Military Health System (SAMHS) & Universities Research Forum



**Col William Dunn, Col Douglas Risk,
COL Richard Williams, CAPT Jonathan Stahl,
LtCol Wen Lien, Dr. Kraig Vandewalle**

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Disclaimer

- ***The views expressed are those of the presenters and do not reflect the official views or policy of the Department of Defense or its Components.***



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Overview

- **Current topics and trends in military dental research: A tri-service panel discussion**
- **US Army/DTRD**
- **US Navy/NAMRU**
- **US Air Force/DECS**
- **Uniformed Services University of the Health Sciences**



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Background

- **Current AFDS Research**
 - **Not coordinated / aligned**
 - **Episodic**
 - **Conducted primarily by residents in conjunction with training**
 - **Typically *in vitro***
 - **Does not identify / address AF / AFMS / AFDS mission-oriented gaps**
 - **No career vector**
 - **No continuity**
 - **No development of research oriented personnel**
 - **The Dental Evaluation and Consultative Service (DECS)**
 - **Funded for / conducts primarily product testing and analysis**



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Background

- **Robust AFDS Research Program - Added Value**
 - **Coordinated / aligned**
 - **Support - traditional / military centric dental questions / concerns**
 - **Restoration longevity**
 - **Dental disease rates**
 - **Equipment durability**
 - **Patient safety**
 - **Deployment related equipment / instrumentation / treatment**
 - **Topics civilian research typically does not cover**

- **AF/SG directed AFMS to increase research efforts**
 - **Opportunity for AFDS Research**



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Restoration longevity



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Equipment Longevity



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Patient Safety



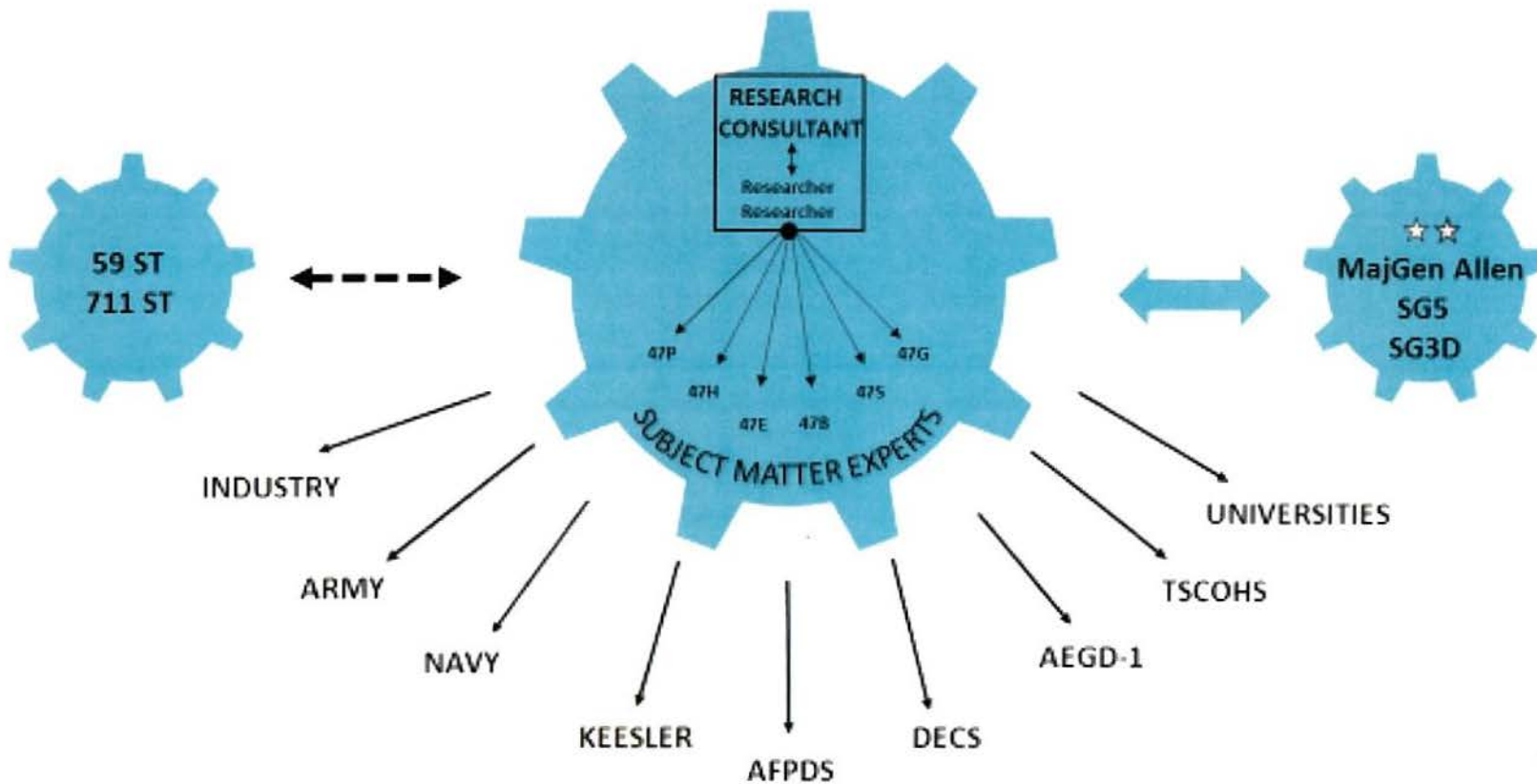
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Integrated Platform

■ Integrated AFDS Research Platform Schematic



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QUESTIONS?

A central graphic consisting of a white pentagon with a textured border. Inside the pentagon is a circular collage of four images: a soccer player kicking a ball, a medical professional using a handheld device, a hospital hallway with a patient on a gurney, and a medical professional in a white coat. The pentagon is set against a background of a satellite-style map of the world.

Better Health

Better Care

Ready

Best Value

TRUSTED CARE ANYWHERE