

## Certification in Aerospace Physiology

by NATHAN B. MAERTENS, Lt. Col., USAF, BSC, CAsP

The Executive Committee of the Aerospace Medical Association (AsMA), acting upon recommendations of the Aerospace Physiology Certification Board, grants certification in aerospace physiology. Board certification in aerospace physiology was established by the Aerospace Medical Association to encourage the study, improve the practice, and elevate the standards of excellence in aerospace physiology.

Formal Board Certification provides an avenue for professional and peer recognition in aerospace medicine, and is a worthy goal for members to attain. This year's certification examination will be offered at the 88th Annual Scientific Meeting of the Aerospace Medical Association on Sunday, 30 April 2017, in Denver, CO. Board certification is for professionals with an abiding interest and demonstrated productivity in the field of aerospace physiology.

Applicants must possess, as a minimum, a baccalaureate degree in either physiology or a closely related science (including as a minimum at least 18 hours of biological sciences). A history of significant contributions to aerospace physiology is also required. Applicants should have 5 years of active professional experience in an aeromedical field. Exceptional applicants can request a waiver of any or all of the aforementioned eligibility requirements by submitting a letter to the Admissions Committee Chair. This letter shall specify experience, knowledge, education, or other facets that alleviate the need to meet eligibility requirements.

The 5-hour exam contains questions covering various areas relevant to aerospace physiology, including but not limited to general human physiology, acceleration physiology, decompression physiology, impact, hypoxia, vibration and noise, operational aspects, space physiology, and spatial orientation.

**Applications and letters of reference are due to the Admissions Committee no later than Sunday, 19 February 2017.** Applicants should contact the Admissions Chair for an application form (available in English only). Applicants must also submit a suitable digital portrait photograph (5 × 7), a short professional biography of less than 300 words, two professional letters of recommendation submitted directly to the Board, and a one-time, non-refundable application fee of \$25 (U.S.). A non-refundable \$75 examination fee is due prior to the exam. In addition, a \$50 certification fee is payable prior to sitting for the examination that is refundable if not certified. Make checks payable to the Aerospace Physiology Certification Board. Applicants must submit documents to the Admissions Chair in a digital format: MSWord compatible for text documents and high-resolution JPEG for graphics/photos.

Applications for Aerospace Physiology Board Certification are available from the Admissions Committee Chairman:

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Chief, Human Performance Branch  
2510 Fifth Street  
Wright-Patterson AFB, OH 45433-7913  
Email: [nathan.maertens@us.af.mil](mailto:nathan.maertens@us.af.mil)  
Comm: (937) 938-3073  
**Deadline for Application: 19 February 2017**

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**Twitter:** [https://twitter.com/aero\\_med](https://twitter.com/aero_med)

**Facebook:** [www.facebook.com/AerospaceMedicalAssociation](https://www.facebook.com/AerospaceMedicalAssociation)

**LinkedIn:** [https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720,tas:Aerospace Medical,idx:1-1-1](https://www.linkedin.com/company/2718542?trk=tyah&trkInfo=tarId:1404740611720,tas:Aerospace%20Medical,idx:1-1-1)

**Ever Upward!** The AsMA Online Newsletter is posted monthly: <http://www.asma.org/news-events/asma-news-archive/newsletters>

### Want info on the AsMA annual meeting?

Visit [www.asma.org/scientific-meetings/asma-annual-scientific-meeting](http://www.asma.org/scientific-meetings/asma-annual-scientific-meeting) - links are in the left-hand column.

## New Award and Changes to the Award Rules

A new award has been approved by the Council of the Aerospace Medical Association:

**ADMIRAL JOHN C. ADAMS AWARD:** Established in honor of Admiral John C. Adams. It is given annually for the most significant contributions to operational Aerospace Medicine, either during a single defined period (e.g., deployment), or over a career.

New rules apply to the Julian Ward award: **All nominations for this award are held for a 1-year award cycle. Only one nomination will be submitted from each Aerospace Medicine Residency training program.**

The Awards Committee of the Aerospace Medical Association, which selects the annual winners of special awards, has set a **January 15** deadline for receiving nominations for awards to be presented at the Annual Scientific Meeting. The names of prospective award winners should be submitted as far in advance of the deadline as possible. To view a list of past recipients go to the AsMA website: <http://www.asma.org/asma/media/asma/membership/awardwinners.pdf>.

Nominations can be made by any member of AsMA.

### Rules:

1. The nominee must be a current member of the Association by Feb. 1 in the year in which the award may be given, with the sole exception that the Sidney D. Leverett, Jr., Environmental Science Award is open to nonmembers.

2. Employees of a company sponsoring an award are eligible to receive the award. Self-nomination is not allowed. Deceased members may be nominated.

3. Nominations for the Tuttle Award must cite a specific paper printed in *Aerospace Medicine and Human Performance*. The award will be given to the first author, with co-authors that are AsMA members receiving co-author recognition.

4. Nominations for the Leverett Environmental Science Award may be awarded for a cited paper printed in *Aerospace Medicine and Human Performance*, or can be awarded for activities conducted in support of aerospace systems operations. If awarded for a cited paper in *Aerospace Medicine and Human Performance*, the award will be given to the first author, with co-authors who are AsMA members receiving co-author recognition.

5. An individual can only receive one award in any one year. The same individual may receive an award more than once, so long as 5 years have elapsed between the last time that award was won by that same awardee. The exception is the Bauer Award, as this award is only given once to an individual.

6. Nominations are good for 3 years (except for the Ward award) from the original nomination. They may be updated. If substantial material has changed for the same award within those 3-years, a new nomination should be submitted.

7. The form is available on the AsMA website. You may either submit the nomination directly from the website or you may download the nomination form into your computer for e-mailing as a pdf document attachment. Nomination forms sent via e-mail should be addressed to the Awards Committee Chair, Jeff Myers, M.D., at [awards@asma.org](mailto:awards@asma.org); and Ms. Gisselle Vargas at AsMA Headquarters ([gvargas@asma.org](mailto:gvargas@asma.org)). If e-mail is not available, you can send a hard copy of the form via normal mail to: Aerospace Medical Association, 320 South Henry St., Alexandria, VA 22314; or fax to the AsMA Home Office: (703) 739-9652. Any auxiliary biographical material in electronic or hard copy **attachments must be limited to 3 typed pages** and will be retained in Association files.

8. Nominations received after **January 15th** will be considered for awards to be presented at the next annual meeting.

**ANNUAL AWARDS descriptions are online in the Members Section of the AsMA website.**

### Future AsMA Annual Scientific Meetings

April 29 - May 4, 2017  
Sheraton Denver Downtown Hotel  
Denver, CO

May 6-10, 2018  
Hilton Anatole Hotel  
Dallas, TX

May 5-9, 2019  
Rio All Suites, Las Vegas, NV