

2. Research Record: The research record of the candidate is reviewed with consideration of excellence in scholarship and success in development of a funded research program. The candidate is expected to (a) have developed a substantial body of work published in archival professional journals and archival conferences proceedings, and (b) have sustained extramural funding to support a well-established research program with the associated laboratory facility. Publication of invited book chapters and research monographs as well as recognition of research excellence (RIA and national research award recognition) is expected. Below are the expectations and measures that may be used to evaluate if the candidate meets the requirements in the research category:

- The candidate should have a substantial record of scholarship with publications in archival journals and recognized national or international conference proceedings. Typically the MAE Department expects the candidate to average at least three journal publications per year since promotion to the rank of Associate Professor. The successful candidate should have at least 20 high- quality journal publications (mostly with advisees/post docs) since his/her previous promotion.
- The candidate should have been successful as PI and as Co-PI in acquiring extramural funding from federal agencies such as NSF, DOD, DARPA, NASA, ONR as well as industry to successfully develop and sustain his/her research program and laboratory needs. The funding success of the candidate is expected to be reflected in the quality of the candidate's research program and evident in terms of its local, national, and/or international visibility, and result as well in sustained high-quality publications and graduate student production.
- The candidate should have utilized grant funding to recruit and support several MS and PhD students over multiple years.
- The candidate should have a high-quality publication record that includes citations (other than self-citations) that reflect the impact and relevance of the candidate's research work. This can be documented by scholarly search engines, for instance, Google Scholar, and other metrics such as the h-and i-10 indices.
- Recognition of research excellence such as RIA national research awards, and/or featured publications Journal cover, e.g.) in high impact journals.
- Invited/plenary/keynote lectures at national/international conferences and/or Invited lectures at national research labs and prestigious universities.

3. Service Record: The service record of the candidate is reviewed with consideration of service at the Department, College, and University levels as well as service to the profession. The candidate is expected to participate in Department committee activities, to be responsive to ABET-related issues, and also to participate at the College and University level. It is expected that the candidate would demonstrate his/her leadership roles in professional activities at the local and national level, for example serving on ASME and/or AIAA professional technical committees, serving as conference session/conference organizer. Serving as a student organization advisor, serving on review proposal review panels and editorial boards, achieving Associate Fellow or Fellow status in professional organizations, and recognition of excellence in service (CECS/UCF Professional Service Award and/or regional/national service award recognition) is expected of a successful candidate. Below are the expectations and measures that may be used to evaluate if the candidate meets the requirements in the service category:

- Active service on Department (College and University, where appropriate) committees.
- Responsive to and taking leadership roles in ABET and other accreditation-related Departmenta

- Serving on Editorial boards, as Associate editor, and/or Editor of scholarly archival journals.
- Leadership roles in professional societies and organizations demonstrated by service on technical or organizing committees, service as chair, co-chair or session organizer at international conferences/workshops, and/or Associate Fellow or Fellow grade in professional societies and organizations, e.g., ASME, AIAA, and/or ASEE.