

**College of Engineering and Computer Science Department of
Civil, Environmental, and Construction Engineering Guidelines
for promotion to the rank of Associate Professor**

A candidate for tenure and promotion to the rank of Associate Professor is normally an Assistant Professor in his/her 6th year appointment in the Civil, Environmental, and Construction Engineering (CECE) department. The candidate should be a good citizen of the Department and manifest a collegial attitude. He or she is highly encouraged to pursue Professional Engineering licensure. The recognition of the candidate's impact should be attested by references from preeminent members of the academic community.

The educational accomplishments of the candidate should be reflected by:

- Two M.S. thesis students graduated and one Ph.D. student who has passed the candidacy exam at the time of the candidate's promotion, or two Ph.D. students who have graduated at the time of candidate's promotion.
- Joint publications with M.S. and/or Ph.D. students directed by the candidate.
- Teaching of both graduate and undergraduate courses; the candidate is expected to teach one or more core undergraduate classes before applying for promotion.
- Development of new courses and/or substantial modifications to existing courses.
- Evidence of good teaching for both undergraduate and graduate classes.

In general a successful candidate must have a record that convincingly shows ability to conduct independent research that is recognized nationally and internationally in his/her research area. The research accomplishments of the candidate should be reflected by:

- A substantial publication record in prestigious, well-cited journals and peer-reviewed conference proceedings in the candidate's area of research. Publications should be in venues that have the most impact and are well received by the candidate's peers.
Typically we anticipate at least ten journal articles to have been published by a successful candidate while tenure-earning.
- Substantial funding from federal agencies (e.g., NSF, NOAA, NASA, USDOT, USEPA), state or local funding agencies (e.g., FDEP, FDOT, WMDs, municipal governments), and/or industry funding. We expect the candidate to be the PI of at least one grant or contract and PI/co-PI of multiple others. Further, we expect that their grants collectively have supported two or more GRAs over multiple years and provided summer support for the candidate. He or she must pursue an NSF CAREER award (or similar prestigious early investigator award).

The service work of the candidate should be reflected by the following accomplishments:

- Participation on panels at NSF and other funding agencies.
- Membership on editorial boards / technical committees of national professional organizations / technical program committees of good conferences.
- The candidate should actively participate in service and committee assignments within the department, college or university.

The standards above are considered minimum for such normal cases. Candidates for early promotion (i.e., before the 6th year as an associate professor) must have a record that is truly outstanding and substantially exceeds these minimums.

University of Central Florida
College of Engineering and Computer Science Department of
Civil, Environmental, and Construction Engineering Guidelines
for promotion to the rank of Full Professor

The candidate normally will be a tenured Associate Professor in the Civil, Environmental, and Construction Engineering (CECE) department who is recognized nationally and internationally as a leader in his/her area of research and who has a proven record as a good educator. The candidate should be a good citizen of the Department and manifest a collegial attitude. The candidate's national and international recognition as a leader in his/her particular area of research should be attested by references from top members of the research community.

The educational work of the candidate should be reflected by the following accomplishments:

- Joint publications with graduate students directed by the candidate.
- The candidate should have supervised to completion at least four Ph.D. students since attaining the rank of Associate Professor.
- Evidence of good teaching for both undergraduate and graduate classes taught recently.
- Evidence of recognition such as: UCF Teaching Incentive Program awards, Scholarship of Teaching and Learning awards, UCF Teaching Excellence awards, recognitions by professional societies.

The research of the candidate should be reflected by the following accomplishments:

- A substantial publication record in the most prestigious, well-cited journals and peer-reviewed conference proceedings in the candidate's area of research. On the average we anticipate three – four journal articles per year as an Associate Professor in journals with high impact factors relative to the candidate's field of expertise. Quantifiable numerics (e.g., citations and h-index) may be assessed relative to members of the candidate's research community.
- Substantial funding from federal agencies (e.g., NSF, NOAA, NASA, USDOT, USEPA), other state or local funding agencies (e.g., FDEP, FDOT, Florida WMDs, municipal governments), and/or industry funding. Typically, we anticipate the candidate's share on grants or contracts to be equal to or greater than \$150,000 per year for a sustained period.
- Evidence of recognition such as UCF Research Incentive Awards, UCF Excellence in Research awards, best paper awards, being made a fellow of professional societies and other professional society awards.

The service work of the candidate should be reflected by the following accomplishments:

- Membership in editorial boards of recognized journals and/or program committees of prestigious conferences.
- Service on departmental, college and university committees.
- Service on panels for the NSF and/or other agencies.
- Service at the national level of professional organizations.

The standards above are considered minimum for such normal cases. Candidates for early promotion (i.e., before the 6th year as an associate professor) must have a record that is truly outstanding and substantially exceeds these minimums.