ASSISTANT PROFESSOR OF ENGINEERING
COLLEGE OF ARTS AND SCIENCES
DEPARTMENT OF PHYSICS
FULL-TIME, TENURE TRACK
START DATE: JULY 1, 2016

Application review begins January 4, 2016. The position will remain open until filled.

The Institution
Founded in 1890, Whitworth has been consistently ranked among the top regional colleges and universities in the West. Whitworth’s mission is to provide its diverse student body an education of mind and heart, equipping its graduates to honor God, follow Christ, and serve humanity. This mission is carried out by a community of Christian scholars committed to excellent teaching and to the integration of faith and learning.

The Department
The mission of the Department of Physics is to provide our students with an academically rigorous education in physics and its application to engineering. This takes place in a context of committed Christian faith, intellectual challenge, and holistic mentoring. We seek to prepare students for careers in which they will explore the laws of the natural world that God has made, share the details of that creation with others, and apply technology to serve the needs of the world.

The department currently has four tenured or tenure-track faculty and one full-time lecturer. We graduate 15-20 undergraduate students each year. We currently offer a B.S. in Engineering Physics, an engineering degree through our dual degree (3-2) partnership program, and a B.S. in Physics.

In order to better reflect our current reality and future plans, we are seeking internal approval to change our name to Department of Engineering and Physics, to actively develop a B.S. in Engineering major, and to pursue ABET accreditation for this engineering degree as outlined in Whitworth’s 2021 Strategic Plan.

Responsibilities and Related Duties
The successful candidate will demonstrate a clear commitment to Whitworth’s mission, strong teaching skills, an emerging record of scholarship and/or significant industry experience, and a commitment to institutional service. Teaching responsibilities for this position will primarily focus on the department’s offerings (existing and proposed) in either electrical engineering or mechanical engineering. The typical teaching load is two courses and two associated laboratories per semester, and a January term course. A departmental research endowment will provide some course release for candidates who pursue scholarly activity that involves undergraduates throughout the academic year.

Scholarly activity aimed at remaining active and current in one’s discipline is expected of all faculty members at Whitworth. This scholarly activity can take a variety of forms.
A candidate with significant industry experience might remain current by serving as a consultant, maintaining an industry network which yields internships for our students, and supervising field-appropriate student participation in national or regional engineering competitions. Alternatively, a candidate could pursue more traditional academic research resulting in peer-reviewed and publically-disseminated publications. A startup package will be provided to help support candidates interested in establishing such a research program, but candidates should demonstrate the initiative necessary to leverage this to receive external funding, with the support of Whitworth’s Sponsored Program’s Office.

Participation in departmental activities, academic advising, faculty governance, service to the profession, and service to the community is expected. A particular focus of service for this new hire will be supporting the growth of the proposed B.S. in Engineering and assisting in the steps required for accreditation review by ABET.

Qualifications, Skills, and Abilities
1. Ph.D. or ABD by July 2016 in Electrical Engineering, Mechanical Engineering, or a related field
2. A personal commitment to the Christian faith and to the integration of faith and learning
3. A commitment to the educational mission of Whitworth as a Christian liberal arts university affiliated with the Presbyterian church
4. Demonstrated potential for effective college-level teaching
5. Record of peer-reviewed and publicly disseminated scholarship or significant industry experience
6. Ability and initiative to engage in scholarly activity that will result in life-long learning in engineering
7. Demonstrated awareness and commitment to effectively establishing relationships and positive communications across multiple dimensions of diversity including, but not limited to, race, gender, physical limitations, class or religious perspectives
8. Must meet eligibility requirements to work in the United States by July 1, 2016
9. Ability to communicate effectively in English
10. Background check required

Application Process
The following documents are required to complete the online application form at www.whitworth.edu/jobs:
1. A letter of interest that relates your education and experience to the required qualifications of the position
2. Your curriculum vitae
3. The names, addresses, telephone numbers, and email addresses of three or more professional references
4. Your graduate and undergraduate transcripts (may be unofficial)
5. Three recent student course evaluations (if they are unavailable instead submit a note of explanation)
6. A short personal essay characterizing your Christian faith (for expanded guidelines, please see www.whitworth.edu/facultyfaithessay)
7. A statement of plans for scholarly activity
8. A short essay describing evidenced-based practices for increasing the numbers of underrepresented students in engineering

Please direct questions to the search committee chair, Dr. John Larkin (jlarkin@whitworth.edu).

Whitworth complies with all federal, state, and local nondiscrimination laws that are applicable to religious nonprofit institutions and does not engage in unlawful discrimination on the basis of race, color, national origin, age, sex, or disability. With our commitment to building a diverse community, the university encourages applications from populations underrepresented at Whitworth including members of racial/ethnic communities, women, and persons with disabilities.