## Labor Certification Posting Notice - #1

**Position Title:** Associate Professor (School of Education)

**Position Description:**
Tenure-track Associate Professor in Educational Technology, School of Education, Iowa State University. Engage in scholarly research, serve on master's and doctoral committees, teach undergraduate and graduate courses in areas of scholarly expertise, and participate in the intellectual and service culture of the School of Education and Iowa State University. Qualifications: Earned doctorate in educational technology, instructional technology, or a closely related field by the start date (August 16, 2017). Demonstrated successful teaching at post-secondary level. Experience working in P-12 schools. Evidence of professional service and/or outreach in the area of educational technology. Established record of scholarly publications in top-tier, refereed journals. Record of acquisition of external funding for research activities. Recognized nationally/internationally for contributions to scholarship in educational technology. Preferred Qualifications: Teaching experience in P-12 schools. Experience designing and teaching online courses. Experience working with pre-service and/or in-service teachers. Experience that demonstrates commitment to working with culturally and linguistically diverse students. Scholars who have a line of inquiry of greatest interest would be focused on one or more of the following: a) equity issues and technology; b) instructional design and development applied to PK-20 educational settings; c) STEM education and marker technologies; d) theoretical foundations of using educational technology; or e) using technology to transform learning in formal and informal educational settings. Chronicle of Higher Education, 09/23/2016

**Information Contact:** Marjorie Smith, School of Education

**Posting Date:** 11/16/2017

**Removal Date:** 12/04/2017

**Place Notice Posted:** UHR Online and School of Education

**Were there any responses to this posting?** No

## Labor Certification Posting Notice - #2

**Position Title:** Assistant Professor (Electrical and Computer Engineering)

**Position Description:**
Tenure-track faculty position in the areas of electrical, computer, and software engineering. Undergraduate and graduate education, mentor and engage undergraduate, as well as prospective students, develop and sustain externally funded research, graduate student supervision and mentoring and professional and institutional service. Sustain own research program and complement the current research and educational efforts in the ECpE (Electrical and Computer Engineering) department through interdisciplinary collaboration. Teach courses at both the undergraduate and graduate levels, advise both graduate and undergraduate students, generate a scholarly publication record and participate in technical committees and outreach activities. Contribute to the mission of the ECpE department. Earned Ph.D. or equivalent degree in Computer Engineering, Electrical Engineering, Computer Science, or a closely related field. Demonstrated ability or potential to: develop a vibrant and high impact externally funded research program; excel in classroom teaching at the undergraduate and graduate levels; supervise research of undergraduate and graduate students; and engage in professional and institutional service and leadership. Preferred: Experience working with and/or teaching diverse groups and/or diverse students. Ability to enhance existing strategic research areas including 1) bioengineering, 2) communications and signal processing, 3) computing and networking systems, 4) electric power and energy systems, 5) electromagnetics, microwave, and nondestructive evaluations, 6) microelectronics and photonics, 7) secure and reliable computing, 8) software systems, 9) systems and controls, and 10) VLSI. Chronicle of Higher Education, October 6, 2016, through December 5, 2016
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<tr>
<th><strong>Labor Certification Posting Notice - #3</strong></th>
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<tr>
<td><strong>Position Title:</strong></td>
<td>Assistant Professor (Department of Computer Science)</td>
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<td><strong>Position Description:</strong></td>
<td>Tenure-track Assistant Professor, Department of Computer Science, Iowa State University. Teach undergraduate and graduate courses in computer science; mentor and engage undergraduate students, as well as prospective students; develop and sustain a strong, externally funded research program; publish in top tier venues; develop collaborative research; mentor graduate students; enhance Iowa State University’s existing strengths through professional and institutional service. Qualifications: Earned Ph.D. or equivalent degree in Computer Science or a closely related field on or before the start date. Demonstrated ability or potential to: 1) develop a high impact, externally funded research program; 2) excel in classroom teaching at the undergraduate and graduate levels; 3) supervise research of undergraduate and graduate students; and 4) engage in professional and institutional service and leadership. Preferred Qualifications: Experience working with or teaching diverse groups or diverse students; publication in top tier venues; record of securing research funding; demonstrated skill in instruction or training; demonstrated ability to enhance existing strategic research areas including: 1) data science and machine learning, 2) computer systems, and 3) security, privacy and safety. Computing Research News, 01/01/2017 - 02/28/2017</td>
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<td><strong>Removal Date:</strong></td>
<td>12/04/2017</td>
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<td><strong>Were there any responses to this posting?</strong></td>
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<td><strong>Labor Certification Posting Notice - #4</strong></td>
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<td><strong>Position Title:</strong></td>
<td>Assistant Professor (Department of Chemistry)</td>
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<td><strong>Position Description:</strong></td>
<td>Tenure-track Assistant Professor in theoretical and computational chemistry, Department of Chemistry. Teach chemistry courses at both the undergraduate and graduate levels; advise graduate and undergraduate students; generate a scholarly publication record; participate in technical committees and outreach activities; and engage in interdisciplinary research and collaboration. Qualifications: Ph.D. in Chemistry or closely related discipline. Strong research record; enthusiasm for teaching undergraduate and graduate courses. Preferred Qualifications: Demonstrated excellence in research in theoretical and/or computational chemistry; demonstrated ability for teaching chemistry courses; evidence of potential collaboration with other ISU faculty. Chemical and Engineering News, 08/31/2016-09/29/2016</td>
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<td><strong>Labor Certification Posting Notice - #5</strong></td>
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Position Title: Systems Analyst II (Veterinary Diagnostic Laboratory)

Position Description:
Lead role in the design and implementation of new applications and processes that allow the end-user of the Veterinary Diagnostic Laboratory to interact and view their data via the Web. Continuous design, development, improvement, and support of complex and highly scalable Web applications using object-oriented programming, service-based architectural concepts and design patterns. Integrate database objects with application layer code as well as write complex data-manipulation language using SQL. Develop external interfaces that promote a consistent, attractive, professional, and secure Internet presence. Bachelor's degree in Computer Science, Computer or Electrical Engineering or a closely related field and 3 years of related experience, or a Master's degree in Computer Science, Computer or Electrical Engineering or a closely related field and 1 year of related experience. Excellent programming skills, knowledge of professional software engineering practices including coding standards, source control management, build processes, testing and operations. Excellent interpersonal and communication skills, ability to effectively participate in team efforts on multiple, simultaneous projects, self-motivated, detail oriented, and sensitive to deadlines. Continued....

Information Contact: Jennifer Holdredge

Posting Date: 11/20/2017

Removal Date: 12/06/2017

Place Notice Posted: UHR On-Line and Veterinary Diagnostic Laboratory

Were there any responses to this posting? No

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**Labor Certification Posting Notice - #6**

Position Title: Systems Analyst II (Veterinary Diagnostic Laboratory)

Position Description:
Continued from above... Expertise in working with relational databases and Structure Query Language (SQL), developing web applications (JSP, ASP.NET), C# programming language, object oriented programming, MVC architecture and Web forms, and front-end development skills with HTML, CSS, jQuery and AJAX. Demonstrated competence in database design and modeling. Expertise in .NET development frameworks, Visual Studio IDE, source control (TFS and GIT) and JIRA, XML and JSON, Adobe Acrobat Professional programming using Interapplication Communication, and using tools like Fiddler. Working knowledge of security issues such as Session Security, cross site scripting and Web site vulnerability. Demonstrated competence in Unit testing with frameworks such as NUnit, building and consuming REST and SOAP Web services, communicating technical issues with non-technical users, working with other programmers as part of a team on modular programming that emphasizes separating the functionality. Familiarity with IT services in a medical service laboratory setting. Location of work: Ames, Iowa Salary $66,500 The Des Moines Sunday Register, September 17, 2017, and September 24, 2017

Information Contact: Jennifer Holdredge

Posting Date: 11/20/2017

Removal Date: 12/06/2017

Place Notice Posted: UHR On-Line and Veterinary Diagnostic Laboratory

Were there any responses to this posting? No

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**Labor Certification Posting Notice - #7**

Position Title: Assistant Professor (Electrical and Computer Engineering)

Position Description:

Information Contact: Jennifer Holdredge

Posting Date: 11/20/2017

Removal Date: 12/06/2017

Place Notice Posted: UHR On-Line and Veterinary Diagnostic Laboratory

Were there any responses to this posting? No
Position Description:

Electrical and Computer Engineering College of Engineering, Iowa State University Ames, Iowa Tenure-track faculty position in the areas of electrical, computer, and software engineering. Undergraduate and graduate education, mentor and engage undergraduate, as well as prospective students, develop and sustain externally funded research, graduate student supervision and mentoring and professional and institutional service. Sustain own research program and complement the current research and educational efforts in the ECpE (Electrical and Computer Engineering) department through interdisciplinary collaboration. Teach courses at both the undergraduate and graduate levels, advise both graduate and undergraduate students, generate a scholarly publication record and participate in technical committees and outreach activities. Contribute to the mission of the ECpE department. Earned Ph.D. or equivalent degree in Computer Engineering, Electrical Engineering, Computer Science, or a closely related field. Demonstrated ability or potential to: develop a vibrant and high impact externally funded research program; excel in classroom teaching at the undergraduate and graduate levels; supervise research of undergraduate and graduate students; and engage in professional and institutional service and leadership. Preferred: Experience working with and/or teaching diverse groups and/or diverse students. Ability to enhance existing strategic research areas including 1) bioengineering, 2) communications and signal processing, 3) computing and networking systems, 4) electric power and energy systems, 5) electromagnetics, microwave, and nondestructive evaluations, 6) microelectronics and photonics, 7) secure and reliable computing, 8) software systems, 9) systems and controls, and 10) VLSI. Chronicle of Higher Education, October 6, 2016, through December 5, 2016

Information Contact: Sara K. Harris

Posting Date: 11/25/2017

Removal Date: 12/11/2017

Place Notice Posted: UHR Online and 2215 Coover Hall

Were there any responses to this posting? No