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ACADEMIC OPENINGS

THE DEPARTMENT OF CHEMICAL AND BIOCHEMICAL ENGINEERING

AT RUTGERS UNIVERSITY invites applications for a tenure-track faculty position at the Assistant, Associate, or Full Professor level. Priority will be given to applicants for the rank of Assistant Professor though higher-level appointments will be considered for candidates with an appropriate level of past experience. The successful applicant is expected to develop and maintain a research program leading to national and international recognition and to demonstrate excellence in teaching at the undergraduate and graduate levels. Candidates must have a Ph.D. in Chemical Engineering or a related field. Emphasis will be given to candidates with research interests in energy, sustainability, biological engineering but other areas would also be considered. Joint appointment with another Department is possible. Applicants should send a curriculum vitae. detailed description of research and teaching interests, and names of at least three references to: cbesearch@sol.rutgers.edu. Application deadline is November 25, 2014 and review of applications will continue until the position is filled. Early applications are encouraged so that the Search Committee may arrange to meet with potential candidates during the annual AIChE meeting. Information about the department can be found at http://cbe.rutgers.edu. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity or expression, national origin, disability, protected veteran status or any other classification protected by law.

FACULTY POSITION IN CHEMICAL AND BIOMOLECULAR ENGINEERING AT VANDERBILT UNIVERSITY

The Department of Chemical and Biomolecular Engineering at Vanderbilt University (VUChBE) invites applications for a tenured/tenure-track faculty position that is open to any rank. We seek an outstanding candidate with demonstrated expertise in the areas of nanotechnology, energy, and/or biomolecular engineering who can synergistically leverage our strong interdisciplinary environment to establish a leading research program that applies engineering approaches to solve key societal problems. Applicants must demonstrate the ability to develop a vibrant, externally funded research program, along with an equal commitment to outstanding teaching at both the undergraduate and graduate levels. VUChBE (http://engineering.vanderbilt.edu/chbe/) is located within a 4 min walk of Vanderbilt's other engineering and science research departments as well as the clinical departments of its renowned co-located medical center, facilitating interdisciplinary engineering research with potential translational impact. Furthermore, numerous interdisciplinary centers and institutes across the campus (http://research.vanderbilt.edu/centers-institutes/) offer access to comprehensive, state-of-the-art core facilities. Ranked in the top 20 nationally, Vanderbilt University is a private, internationally recognized research university located on 330 park-like acres one and one-half miles from downtown Nashville, Tennessee, which has been named the "It" city by Time magazine. The School of Engineering currently comprises 90 tenured and tenure-track faculty, operates with an annual budget of over \$100 million, including \$70 million from externally funded research, and serves over 1,300 undergraduate and nearly 500 graduate students. In the 2014 rankings of graduate engineering programs by U.S. News & World Report, the School ranks in the top three among programs with fewer than 100 faculty and has risen steadily in the rankings over the past 10 years. Applications should be submitted electronically (https://academicjobsonline.org/ajo/jobs/4316) and must include: a cover letter with names and contact information of at least three references, a CV, a statement of research and a statement of teaching philosophy. Applications received prior to November 1, 2014 will receive priority in evaluation. Vanderbilt University is an affirmative action/equal opportunity employer committed to increasing the cultural and intellectual diversity of its faculty. Women and minorities are especially encouraged to apply.

UNIVERSITY OF COLORADO (WWW.COLORADO.EDU/CHE)

The Department of Chemical and Biological Engineering is seeking to make one or more hires at the assistant, associate or full professor levels. Candidates with interests in all research areas will be considered. Applications are particularly encouraged in biological, energy and materials-related areas, which align with the Department's participation in campus initiatives including the Biofrontiers Institute, the Renewable and Sustainable Energy Institute, and the Materials Science and Engineering program. **Applicants should go to www. colorado.edu/chbe/careers/faculty-positions for information on submitting their applications**. Review of applications will begin in October 2014. The University of Colorado (Boulder) is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting the ADA Coordinator at (303) 492-1334.

THE ENGINEERING SCIENCE DEPARTMENT AT TRINITY UNIVERSITY

in San Antonio, Texas, is accepting applications for a tenure-track assistant professor position from qualified chemical engineers with a keen interest in both undergraduate education and research. **Please refer to www.engr.trinity.edu for detailed information on the position, the Department, and how to apply.** For additional information please contact Dr. Farzan Aminian at faminian@trinity.edu.

LECTURER WITH POTENTIAL FOR SECURITY OF EMPLOYMENT DEPARTMENT OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE UNIVERSITY OF CALIFORNIA, DAVIS

Applications are invited for a faculty position as a Lecturer with Potential for Security of Employment in chemical engineering. This parallels the position of assistant professor in the tenure-track, but with primarily teaching duties. The successful candidate will teach chemical and biochemical engineering courses (primarily at the undergraduate level), develop new courses, lead accreditation activities, participate in continuous curriculum improvement, and lead diversity and inclusion efforts. The candidate should have a strong teaching record and commitment to undergraduate instruction. A Ph.D. in chemical engineering or a closely-related discipline is required. **Consult http://chms.engineering.ucdavis.edu/** for **our on-line application procedure and requirements.** The position is open until filled; but to assure full consideration, applications should be submitted no later than 5 pm October 31, 2014, for a start date of July 1, 2015. UC Davis is an affirmative action / equal opportunity employer, and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants to apply, including women, minorities, individuals with disabilities, and veterans.



TENURED OR TENURE-TRACK FACULTY POSITION Chemical Engineering and Materials Science University of Minnesota

The Department of Chemical Engineering and Materials Science at the University of Minnesota (www.cems.umn.edu) seeks to fill a faculty position at the Assistant (tenure-track), Associate (tenured), or Full Professor (tenured) level, commensurate with experience. Outstanding candidates with a PhD degree in any area related to chemical engineering and materials science will be considered. Candidates should have a distinguished academic and research record and a commitment to teaching in a highly interdisciplinary department.

Applications, consisting of a CV (including a list of publications), a research statement, a teaching statement, and a list of three references with contact information (including email addresses), should be submitted on-line at **https://employment.umn.edu.** Search for requisition number 192740. Review of the applications will begin immediately and continue until the position is filled. The successful candidate will be in place as early as Fall 2015.

The University of Minnesota is an equal opportunity educator and employer.

Associate or Full Professor The Joint Department of Biomedical Engineering, UNC & NC State

We are seeking to hire an Associate or Full Professor to lead our expanding program in pharmacoengineering. This program is a collaborative effort with the Division of Molecular Pharmaceutics of UNC's Eshelman School of Pharmacy. Example research programs of interst include (but are not limited to) engineering approaches to therapeutic delivery of particles, devices, or systems; novel means to assess therapeutic deposition of drugs; or novel ways to assess disease response to treatment.

Preference will be given to mid-career or senior faculty candidates. The selected candidate will have a primary appointment in BME at NC State. For more information and to apply, please visit:

http://jobs.ncsu.edu/postings/39598

NC State University is an equal apportunity and affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, national origin, religion, sex, age, veteran status, or disability. In addition, NC State welcomes all persons without regard to sexual arientation or genetic information. Individuals with disabilities requiring disability-related accommodations in the application and interview process please call (919) 515-3148.

AUBURN UNIVERSITY ASSISTANT/ASSOCIATE/FULL PROFESSOR SAMUEL GINN COLLEGE OF ENGINEERING DEPARTMENT OF CHEMICAL ENGINEERING

Assistant/Associate/Full Professor: The Auburn University Department of Chemical Engineering invites applications for four (4) tenure-track faculty positions. These tenure-track appointments are to become effective in August 2015. The department seeks outstanding candidates who have a Ph.D. in chemical engineering, petroleum engineering, or a closely related discipline. The areas of expertise are open; however the individuals selected for these positions will be expected to contribute to the growth of at least one of the department's strategic focus areas: energy and environment, advanced materials, computer-aided chemical, and biomedical engineering. The successful candidates will demonstrate excellence in research and teaching in the area of chemical engineering. Desired qualifications include a strong record of scholarly publication, an ability to attract externally sponsored research funding, and an ability to effectively teach undergraduate and graduate courses. Rank and salary are commensurate with experience and qualifications. A detailed description of the positions and the qualifications is found at the Chemical Engineering Department website http://eng.auburn.edu/programs/chen/. Review of applications will begin September 15, 2014. http://aufacultypositions.peopleadmin.com/ postings/636. Auburn University is an Affirmative Action/Equal Opportunity Employer. It is our policy to provide equal employment opportunities for all individuals without regard to race, sex, religion, color, national origin, age, disability, protected veteran status, genetic information, or any other classification protected by applicable law.

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN COMPUTATIONAL SYSTEMS BIOLOGY OPEN RANK POSITION

The Institute for Genomic Biology in partnership with the Colleges of Liberal Arts and Sciences and Engineering at the University of Illinois at Urbana-Champaign invites applications for a full-time tenure-track/tenured faculty position at the Assistant, Associate, or Full Professor level. We seek applicants who will build a strong research program that applies computational methods to problems in systems and/or synthetic biology. **Please visit http://go.illinois.edu/csbfaculty to view the complete position announcement and application instructions.** For full consideration, applications must be received by November 15, 2014. The University is an EEO Employer/Vet/Disabled www.inclusiveillinois.illinois.edu

THE UNIVERSITY OF DAYTON DEPARTMENT OF CHEMICAL AND MATERIALS ENGINEERING

invites qualified applicants for a tenure-track faculty position in Chemical Engineering beginning in the Fall 2015 semester at the Assistant or Associate Professor level. For a complete listing of all minimum and preferred qualifications see the position posting on https://jobs.udayton.edu. All candidates must have a Doctorate in Chemical Engineering or closely related field and a Bachelor's degree in Chemical Engineering from an ABET Accredited Institution. All candidates will have demonstrated research experience in Chemical Engineering. Applicants must have excellent written communication skills and a commitment to teaching. Successful grant proposal writing and undergraduate teaching experience will be considered a plus. Associate Professor applicants must meet additional requirements outlined in the position posting. The successful candidate will be expected to develop an externally funded research program and exhibit a strong commitment to teaching at the undergraduate and graduate levels. The successful candidate will also be expected to develop strong government and / or industrial research collaborations. The primary focus of the Department of Chemical and Materials Engineering is the Bachelor of Chemical Engineering degree. The department also offers M.S. degrees in Chemical Engineering, Bioengineering, and Materials Engineering, and a Ph.D. in Materials Engineering. The successful candidate will have the opportunity to collaborate with faculty members and with researchers from the University of Dayton Research Institute (UDRI). For full consideration, applicants should submit 1) a cover letter, 2) a C.V., 3) a statement of teaching interests and philosophy, 4) a statement of research plans, 5) all college transcripts, and 6) a list of three references all to https://jobs.udayton.edu. Applications will be accepted through December 31, 2014. The University of Dayton, founded in 1850 by the Society of Mary, is a top ten Catholic research university. The University seeks outstanding, diverse faculty and staff who value its mission and share its commitment to academic excellence in teaching, research and artistic creativity, the development of the whole person, and leadership and service in the local and global community. To attain its Catholic and Marianist mission, the University is committed to the principles of diversity, inclusion and affirmative action and to equal opportunity policies and practices. We act affirmatively to recruit and hire women, traditionally under-represented minority groups, people with disabilities and protected veterans. The University of Dayton has received a National Science Foundation ADVANCE grant designed to promote the advancement and representation of women in academics to create a more diverse science workforce.

LOUISIANA TECH UNIVERSITY CHEMICAL ENGINEERING FACULTY POSITION

Louisiana Tech University's College of Engineering and Science invites applications for a tenuretrack faculty position in the Chemical Engineering Program. Academic requirements include Ph.D. and undergraduate degrees in Chemical Engineering. Excellence in teaching is required, and candidates must have the ability to develop and sustain an externally funded research program. Special emphasis will be given to candidates whose research leverages the University's excellent experimental and computational resources in Nano/Micro/Biotechnology and Biomedical Engineering. Louisiana Tech's 41,000 sq. ft. Institute for Micromanufacturing (IfM) supports research labs and cleanroom space equipped with stateof-the art microfabrication and nanofabrication equipment and characterization tools. The 52,000 sq. ft. Biomedical Engineering Complex (BEC) houses research labs and core equipment facilities for the interdisciplinary Center for Biomedical Engineering and Rehabilitation Science (CBERS). Louisiana Tech houses one of the five nodes that comprise the Louisiana Optical Network Initiative, providing a total of 85 teraflops of supercomputing power to affiliated researchers. The Chemical Engineering program at Louisiana Tech University is an ABET accredited program with a growing undergraduate enrollment approaching 200 undergraduate students. The strong presence of chemical, petro-chemical, and pulp-paper companies in the Gulf Coast region ensures the importance of Louisiana Tech's Chemical Engineering to the state and region providing excellent job placement and student internship opportunities. The College has over 150 students in one of three Ph.D. programs (Engineering, Biomedical Engineering and Computational Analysis and Modeling - Chemical Engineering faculty have advised all three) and over 200 MS students. The College faculty has an average of approximately \$250k in research expenditures per FTE. The University campus is located in Ruston, Louisiana, a small town (population ~25,000) with centralized access to the larger metropolitan areas in Texas, Louisiana, Arkansas, and Mississippi. Applicants are encouraged to send a cover letter, a curriculum vita, a teaching philosophy statement, a research program summary, and contact information for three current references to: Dr. Eric J. Guilbeau, Ph.D., Director of Chemical Engineering, cmensearch@latech.edu. Please add "Chemical Engineering Search 2014-2015" in the subject line to submit your information. Only electronic versions of the requested information will be accepted. Review of applications will begin November 1, 2014, and will continue until the position is filled. The starting date is September 1, 2015 (possibly sooner). Louisiana Tech University is a recipient of a National Science Foundation ADVANCE Award to increase the participation of women in academic science and engineering careers. Louisiana Tech University is an EEO/AA employer. Women and minorities are strongly encouraged to apply.

INTEGRATED SYNTHETIC AND SYSTEMS BIOLOGY FACULTY POSITION

The Chancellor's Faculty Excellence Program (http://ncsu.edu/workthatmatters) research cluster in integrated synthetic and systems biology invites applications from collaboratively minded faculty to join our strong research community at NC State. We are seeking appointees with a programmatic focus on research and teaching in the intersection of synthetic and systems biology at the Assistant or Associate Professor rank, commensurate with credentials, qualifications, and experience. Research areas of interest are broad and include quantitative biology, bio-computation, metabolic engineering, foundational technologies, genome-scale modeling, materials biosynthesis, cell-free biology, and the development of multicellular organisms and microbial communities. The candidate should have a doctorate in a relevant field with a proven track record of research excellence and leadership. Candidates should submit electronic copies of their curriculum vitae, a letter of intent, a research statement (maximum of 3 pages), teaching interests, and the names and addresses of three references the committee may contact at http://jobs.ncsu.edu under position number 00103212. We welcome the opportunity to work with candidates to identify suitable employment opportunities for spouses or partners. AA/EOE. In addition, NC State welcomes all persons without regard to sexual orientation. Persons with disabilities requiring accommodations in the application and interview process please call (919) 515-2135.

CLEMSON UNIVERSITY CHEMICAL AND BIOMOLECULAR ENGINEERING

Faculty position: The Department of Chemical and Biomolecular Engineering at Clemson University invites applications for an opening at the level of Assistant Professor or higher, commensurate with the candidate's experience and level of achievement. Individuals with outstanding potential and scholarly interests in modern Chemical and Biomolecular Engineering are sought, particularly in the areas of water-energy nexus, (bio)catalysis, composite materials, and biomolecular engineering. Candidates must have earned a Ph.D. in Chemical Engineering or a closely related field, and those with industrial experience are encouraged to apply. Applicants should send a single pdf file containing a cover letter, resume, research plan, statement of teaching interests/philosophy, and names and addresses of three references to ChBESearch@clemson.edu. Applications received by November 30, 2014, will receive full consideration, with the review process continuing until the position is filled. Clemson University, the land-grant university of South Carolina, is located on the shores of Lake Hartwell in the foothills of the Blue Ridge Mountains. Information about the department is available at www.clemson.edu/ces/chbe. Clemson University is an AA/EEO



School of Engineering

FACULTY POSITIONS IN CHEMICAL AND BIOLOGICAL ENGINEERING, TUFTS UNIVERSITY

The Department of Chemical and Biological Engineering (ChBE) at Tufts University invites applicants for a tenure-track position at the Assistant or Associate Professor level as part of an ongoing plan to expand the size of the faculty. The goal for this year's search is to fill up to two positions. The successful candidate is expected to develop and maintain an active, highly visible research program and to demonstrate excellence in teaching and mentoring both undergraduate and graduate students. Priority will be given to applicants whose research complements the current strengths of the department in materials for energy and sustainability, cellular and biomolecular engineering, and systems and process modeling. We seek individuals who embrace opportunities to work collaboratively within the department as well as across the School of Engineering (SOE) and the University.

Tufts SOE distinguishes itself by the interdisciplinary and integrative nature of its engineering education and research programs within the environment of both a "Research Class 1" university and a top-ranked undergraduate institution. We offer the best of a liberal arts college atmosphere, coupled with the resources of a major research university. As home to seven graduate and professional schools, Tufts University prides itself on its culture of cross-School partnerships.

Candidates should possess an earned doctorate in chemical engineering or a closely related discipline. Review of applications will begin immediately and continue until the position is filled. However, to assure full consideration, applications should be submitted by November 10, 2014. Please send a letter of interest, curriculum vitae, list of publications, research plan, teaching statement, and full contact information for at least four references to: Professor Lee, Chair, Department of Chemical and Biological Engineering, Tufts University, 4 Colby St., Medford, MA, 02155. Application materials should be submitted electronically via e-mail to. https://academicjobsonline.org/ajo/jobs/4351

Information about the department can be found at: http://engineering.tufts.edu/chbe/.

Tufts University is an Equal Opportunity/Affirmative Action employer. We are committed to increasing the diversity of our faculty. Members of underrepresented groups are strongly encouraged to apply. employer and does not discriminate against any person or group on the basis of age, color, disability, gender, pregnancy, national origin, race, religion, sexual orientation, veteran status or genetic information. Clemson University is building a culturally diverse faculty committed to working in a multicultural environment and encourages applications from minorities and women.

THE UNIVERSITY OF TULSA TENURE-TRACK APPOINTMENT

The Department of Chemical Engineering is seeking to fill a tenure-track position at the Assistant Professor level. The anticipated starting date is Fall 2015. Minimum qualifications include a PhD in chemical engineering or a closely related field and at least one degree from an ABET accredited engineering program. **Applicants should refer to http://www.utulsa.edu/che/position or see the link on the departmental website for further qualifications and application requirements.** Under represented minorities and women are especially encouraged to apply. The University of Tulsa is an Equal Employment Opportunity/Affirmative Action employer.

FACULTY POSITION: YALE UNIVERSITY, DEPARTMENT OF CHEMICAL & ENVIRONMENTAL ENGINEERING

The Department of Chemical & Environmental Engineering at Yale University invites applications for a tenure-track faculty position at the Assistant Professor or Associate Professor (untenured) level. Outstanding individuals holding (or soon to hold) a PhD in Chemical Engineering or a closely related discipline will be considered. Applications from all areas of Chemical Engineering are welcome, particularly those focused on Soft Matter, including (but not limited) to soft matter theory and simulation, polymer chemistry, and colloid and interface science. The successful candidate will have a distinguished track record and is expected to develop a vibrant externally funded research program, to teach undergraduate and graduate courses in Chemical Engineering, and to advise graduate students. **Applications with a cover letter, a detailed resume, a description of research and teaching interests, and**

SJSU SAN JOSÉ STATE UNIVERSITY

ANNOUNCEMENT OF POSITION AVAILABILITY Subject to Budgetary Approval

Specialization: Chemical Engineering Department of Biomedical, Chemical and Materials Engineering

Job Opening ID (JOID): 22972

Rank: Associate Professor (tenure track)

Salary Range: Commensurate with qualifications and experience.

Qualifications: Ph.D. in Chemical Engineering, or a related Bioengineering discipline. Industrial or Post-Doctoral experience is desired.

Application Procedures: For full consideration submit the following documents in pdf form to https://bcme.sjsu.edu/ chesearch2014: curriculum vitae, statement of teaching interest: philosophy, experience and preferred courses (two page maximum, 11pt font), proposed research plan (two page maximum, 11pt font), and contact information (name, phone# and email) for three references by December 5, 2014 9PM, PST.

For more information and a full job description, please visit http://apptrkr.com/518203

> San José State University is an Affirmative Action/Equal Opportunity Employer.

names and addresses of four references should be uploaded online at https://academicjobsonline.org/ajo/jobs/4541. Review of applications begins October 1, 2014 and continues until the position is filled. Applications submitted prior to December 1, 2014 will receive full consideration. Yale University is an Affirmative Action/Equal Opportunity Employer, and strongly encourages applications from women, persons with disabilities, protected veterans, and members of underrepresented minority groups. Visit http://www.seas.yale.edu to learn more about the Department of Chemical & Environmental Engineering, and the School of Engineering & Applied Science at Yale.

FACULTY POSITION CHEMICAL AND BIOCHEMICAL ENGINEERING

The University of Iowa invites applicants for a tenure-track faculty position. The position is targeted at the Assistant Professor level but all ranks will be considered. Strong preference will be given to candidates with informatics related research areas especially when applied to climate change, energy, and air pollution. The successful candidate is expected to develop an internationally recognized research program and to contribute fully as a scholar through teaching undergraduate and graduate courses and through service to science and engineering. The candidate will also be expected to participate actively in the University of Iowa's multidisciplinary Informatics Cluster initiative. Cluster participation will be an important component in performance evaluations. Detailed descriptions of the available position, candidate requirements, and application process can be found at: http://jobs.uiowa.edu/, under the faculty section, searching requisition 65126. The College of Engineering is committed to building a welcoming and inclusive academic community with support systems for all persons to thrive. The University of Iowa is an equal opportunity and affirmative action employer. All qualified applicants are encouraged to apply and will receive consideration for employment free from discrimination on the basis of race, creed, color, national origin, age, sex, pregnancy, sexual orientation, gender identity, genetic information, religion, associational preference, status as a qualified individual with a disability, or status as a protected veteran. Applications from women and minorities are especially encouraged.

FACULTY, CHEMICAL & BIOLOGICAL ENGINEERING

The Department of Chemical and Biological Engineering at the University at Buffalo (UB) seeks to hire faculty members at the Assistant, Associate, or full Professor rank with research interests in bioengineering. Areas of particular interest include but are not limited to systems/computational bioengineering, synthetic biology, cell/molecular bioengineering, and stem cell and tissue engineering. Exceptional candidates in other research areas will also be considered. Ideal candidates will complement existing research strengths in the department (www.cbe.buffalo.edu) and the university's broader UB2020 Strategic Initiatives (http://www.buffalo.ed/ub2020). Applicants should submit a curriculum vita, statements of teaching and research plans, and names of at least three references via theUBJobs system (www.ubjobs.buffalo.edu, reference posting number 1400570). Review of applications will begin December 1, 2014 and will continue until the positions are filled. CBE@UB combines excellence and collegiality to provide an outstanding environment for our faculty, staff, and students. In the 2010 NRC assessment of doctoral programs, CBE@UB placed in the top 10 nationally in the categories of publications per faculty member and awards per faculty member. Particular areas of research strength and focus in the department include bioengineering, nanomaterials engineering, and molecular and multiscale modeling. At present, we have 18 faculty members with \$300K of annual research expenditures per faculty, 130 graduate, and over 300 undergraduate students. Our faculty includes 3 members of the National Academy of Engineering and 7 NSF CAREER Award recipients. Over the next five years we anticipate continuous growth, which is supported by university-wide strategic plans for investment in energy, nanotechnology, materials, bioengineering, and related areas where CBE plays a key role. Along with a strong core of bioengineering and materials science and engineering faculty in CBE and the School of Engineering and Applied Sciences, UB offers rich collaborative opportunities in the Schools of Medicine, Pharmacy, and Arts and Sciences; the Center for Excellence in Bioinformatics and Life Sciences; Hauptman-Woodward Medical Research Institute; Roswell Park Cancer Institute: and the new Center of Excellence in Materials Informatics. The University at Buffalo is an Equal Opportunity/Affirmative Action Employer/Recruiter.