

Positions Available

**CHAIRPERSON  
DEPARTMENT OF MATERIALS SCIENCE  
AND ENGINEERING  
University of California, Los Angeles**

The Department of Materials Science and Engineering invites applications and nominations for the position of Department Chair. Candidates must be qualified for appointment at the Professor level and, therefore, must have demonstrated distinctive scholarship in one or more of the fields of materials science and engineering. Substantial experience in teaching and administration will be of considerable importance for the position.

The Chair will have the responsibility of directing the very active academic and research programs in the Department. During the next few years, the Chair will also have the challenge of guiding the Department as both the number of faculty positions and available resources increase substantially.

Salary will be commensurate with experience and qualifications. Nominations or applications with a complete resume and the names and addresses of five references, should be sent by **September 1, 1990** to

A.R. Wazzan, Dean  
School of Engineering and Applied Science  
UCLA  
7400 Boelter Hall  
Los Angeles, CA 90024

*UCLA is an Equal Opportunity Affirmative Action Employer.*

**POSTDOCTORAL RESEARCH ASSOCIATE  
MATERIALS SCIENCE AND ENGINEERING  
University of Kentucky**

This position requires a PhD degree in materials science and engineering and 3 years of experience gained as part of a job or an academic program leading to a PhD degree with emphasis on: (1) alloy source synthesis for vapor deposition of alloy thin films to investigate physical and chemical properties of materials; (2) experience in the development and performance of research that examines polymer and alloy thin film surfaces to study the properties that lead to the development of fundamental understanding of their performance under specialized gaseous exposures; (3) experience in initiating and performing advanced characterization of physical and chemical properties of thin films using XPS, AES, TEM, XRD, SEM, SIMS, ISS and FTIR; (4) experience in design and installation of computer interface to acquire data using DEC PDP 11/23 systems, SUN 3/60 system, IBM-PC and peripherals, as well as data processing using the above and IBM mainframe; and (5) experience in ultrahigh vacuum equipment operation and maintenance related to vapor deposition and surface analysis instruments. Working conditions: office and laboratory, 40 hours per week (8:00 A.M. to 5:00 P.M.). Salary will be \$27,000 per year. Send resumes for referral to: Matilda Moore, Kentucky Department for Employment Services, 300 South Upper Street, Lexington, Kentucky 40508. Ref. No. 789178

**FACULTY POSITION  
ELECTRONIC MATERIALS  
GROWTH  
University of California  
at Santa Barbara**

The Engineering Materials Department at UC Santa Barbara seeks applications for a faculty position in electronic materials growth. The opening is at the Assistant Professor level. Normally, completion of the PhD is required at the time of appointment. Appointment at a higher level is possible for unusually well-qualified candidates. Applicants are sought that have expertise in the epitaxial growth of III-V compound semiconductor materials. Vapor-phase techniques, such as organometallic vapor-phase-epitaxy (OMVPE), are of particular interest. Candidates should have an interest in teaching as well as a desire to work closely with other faculty researchers in the semiconductor device area. It is anticipated that the new faculty member would become an important member of a strong effort in optoelectronic devices and integrated circuits.

Please submit a resume and names of at least three references to: Prof. Larry A. Coldren, Chair of Electronic Materials Search Committee, ECE Department, UCSB, Santa Barbara, CA 93106.

*The University of California is an Equal Opportunity/Affirmative Action Employer. Proof of US citizenship or eligibility for US employment will be required prior to employment. (Immigration Reform and Control Act of 1986).*

平成3年度基礎科学特別研究員制度の案内について

科学技術庁と理化学研究所とは、連携して我が国の基礎研究を強力に推進するため、平成2年度に引き続き平成3年度の基礎科学特別研究員の募集を計画しています。斬新な研究課題を自主的に遂行できる若い在外の我が国研究者の応募を期待します。

1. 採用予定人員/25名
2. 受入機関/理化学研究所
3. 募集分野/物理学、化学、生物学、工学の各分野で、理化学研究所で実施可能な研究
4. 応募資格/原則として平成3年4月1日現在35歳未満の健康な者で、博士号取得者又はこれと同等の研究能力を有すると認められる者
5. 待遇等(但し、平成2年度実績)/
  - ①謝金/月額475千円程度(社会保険料、税込)
  - ②通勤費/実費(上限26千円/月)
  - ③住宅費/家賃の一部支給
 以上のほか、研究費として1,360千円/年程度
6. 契約期間/通算3年間を限度とし、毎年度所要の評価により契約更新
7. 応募書類の受付は6月29日迄です。応募したい方は6月8日迄に下記にお問い合わせ下さい。
  - ①科学技術庁科学技術振興局研究振興課  
〒100 東京都千代田区霞が関二丁目2番1号  
☎ 03-581-5271 内線532(直通03-503-0013)  
FAX: 03-581-7033
  - ②理化学研究所研究業務部基礎科学特別研究員担当  
〒351-01 埼玉県和光市広沢2番1号  
☎ 0484-62-1111 内線2451、2452  
(直通 0484-63-3687) FAX: 0484-62-1554
8. その他/本制度は関係予算の成立を前提としており、その事情により変更があり得ますので、その旨御承知おき下さい。

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