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### Award Abstract # 9017953

## REU: REU Supplement to Curriculum in High Performance Scientific Computing

<b>NSF Org:</b>	<a href="#">EIA</a> <a href="#">DIVISION OF EXPERIMENTAL &amp; INTEG ACTIVIT</a>
<b>Recipient:</b>	THE REGENTS OF THE UNIVERSITY OF COLORADO
<b>Initial Amendment Date:</b>	August 9, 1990
<b>Latest Amendment Date:</b>	June 4, 1992
<b>Award Number:</b>	9017953
<b>Award Instrument:</b>	Standard Grant
<b>Program Manager:</b>	John Cherniavsky EIA DIVISION OF EXPERIMENTAL & INTEG ACTIVIT CSE Direct For Computer & Info Scie & Enginr
<b>Start Date:</b>	September 1, 1990
<b>End Date:</b>	August 31, 1994 (Estimated)
<b>Total Intended Award Amount:</b>	\$619,083.00
<b>Total Awarded Amount to Date:</b>	\$619,083.00
<b>Funds Obligated to Date:</b>	FY 1990 = \$599,583.00 FY 1991 = \$9,750.00 FY 1992 = \$9,750.00
<b>History of Investigator:</b>	Roger King (Principal Investigator) roger@cs.colorado.edu Gitta Domik (Co-Principal Investigator) Elizabeth Jessup (Co-Principal Investigator)
<b>Recipient Sponsored Research Office:</b>	University of Colorado at Boulder 3100 MARINE ST BOULDER

CO US 80309-0001  
(303)492-6221

**Sponsor Congressional District:** 02

**Primary Place of Performance:**

**Primary Place of Performance Congressional District:**

**Unique Entity Identifier (UEI):** SPVKK1RC2MZ3

**Parent UEI:**

**NSF Program(s):** CISE RESEARCH INFRASTRUCTURE, CROSS-DIRECTORATE PROGRAMS

**Primary Program Source:**

**Program Reference Code(s):** 2888, 9251

**Program Element Code(s):** 2885, 9120

**Award Agency Code:** 4900

**Fund Agency Code:** 4900

**Assistance Listing Number(s):** 47.070

**ABSTRACT**

The PIs propose to develop a 2 course sequence on high performance scientific computing for undergraduate students, together with a laboratory to support these courses. They will develop text books, manuals, and software for both courses and laboratory exercises and will attempt to disseminate these materials to other institutions via summer workshops. Five institutions have agreed to collaborate with Colorado and to offer similar courses to their own students. Laboratory facilities will include high speed workstations, graphics workstations, and an INTEL iPSC. Remote access to a Cray Y-MP will also be provided. This proposal has the potential to produce badly needed computational scientists to address the national needs in high performance computing.

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