



**APPLICATION DEADLINE:**  
Postmarked by January 28, 2002

Apply on-line at <http://www.gwu.edu/~seap>

**SEAP-CQL  STUDENT APPLICATION FORM — (U.S. Citizens Only)**

Last Name (please type or print)		First	M.I.	Male <input type="checkbox"/>	Female <input type="checkbox"/>	Date of Birth	Age	Home Phone with Area Code
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E-mail Address	Home Address	City			State	Zip
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Social Security Number	Weight	Height	Hair Color	Eye Color	Emergency Name/Daytime Phone #
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**(Optional)** How would you describe yourself?  Black, African-American  American Indian or Alaskan Native  
 Asian-Pacific American  Hispanic American  White, Non-Hispanic  Other \_\_\_\_\_

9  10  11  12  College \_\_\_\_\_

Present Grade	Name of School/College	Principal/Advisor
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Address of School/College	Street	City	State	Zip	County
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Were you in this Program Before?	No <input type="checkbox"/> Yes <input type="checkbox"/>	High School SEAP	98 <input type="checkbox"/>	99 <input type="checkbox"/>	00 <input type="checkbox"/>	01 <input type="checkbox"/>	Which Laboratory?	If selected this year, this would be your
	Yes <input type="checkbox"/>	College CQL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Mentor	1st 2nd 3rd 4th 5th
								year participating.

**College students please skip to SEAP/CQL-ONLY section (located on back).**

If you have had one of the following courses, fill in the letter grade (i.e. "A") you received in the box provided.

MATH			PHYSICS			BIOLOGY			CHEMISTRY			COMPUTER	
Pre Cal	BC Cal	AP Cal	Honors	PSSC	AP	Gen	Honors	AP	Gen	Honors	AP	Keyboard	Gen. App.
<input type="checkbox"/>													
Adv Alg	Trig					Anatomy	Physiology					CS (Pascal)	AP CS
<input type="checkbox"/>	<input type="checkbox"/>					<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>			<input type="checkbox"/>										
Other Course			Other Course			Other Course			Other Course			Other Experience	

**If selected my son/daughter, a U.S. citizen, agrees to participate in the Science and Engineering Apprentice Program (SEAP) for eight continuous weeks between June 24 and August 16, 2002.**

Print Name	Signature	Daytime Phone Number	<input type="checkbox"/> Mother <input type="checkbox"/> Father <input type="checkbox"/> Guardian
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PLEASE WRITE THE ABBREVIATION OF ONLY THREE LABORATORY CHOICES FROM THE ATTACHED SHEET IN THE SPACE BELOW\*  
NOTE: FOR WRAIR/NMRC SEE BELOW\*

1. \_\_\_\_\_ 2. \_\_\_\_\_ 3. \_\_\_\_\_

**FOR MENTORS ONLY**

Laboratory _____	Division _____
Mentor _____	Alternate Mentor _____
Phone (_____) _____ E-Mail # _____	Phone (_____) _____ E-Mail # _____
Mailing Address (code or symbol) _____	Mailing Address (code or symbol) _____
Building _____ Room _____	Building _____ Room _____
Date Interviewed _____	Date Notified of Acceptance _____

\*If WRAIR or NMRC are one of your choices, you also MUST apply on-line at <http://WRAIR-www.army.mil>, select Online application for Students and Teachers (SEAP, CQL and STARS), then select SEAP Application. Hard-copy application and support materials must be sent to SEAP GWU office. For on-line help, e-mail: [debra.yourick@na.amedd.army.mil](mailto:debra.yourick@na.amedd.army.mil) or [marti.jett@na.amedd.army.mil](mailto:marti.jett@na.amedd.army.mil) or call (301) 319-9471 or (301) 319-9997. Online applications are NECESSARY for you to be considered at either WRAIR or NMRC.

Please check box if you have applied to WRAIR on-line.  Please check box if you have applied to NMRC on-line.

PSAT Scores: Verbal \_\_\_\_\_ Math \_\_\_\_\_ Your HS Grade (9-12) when taken/date \_\_\_\_\_

SAT Scores: Verbal \_\_\_\_\_ Math \_\_\_\_\_ SUM \_\_\_\_\_ Your HS Grade (9-12) when taken/date \_\_\_\_\_

Do you have computer programming experience?  Yes  No If yes, check boxes that apply  Basic  Pascal  Java  
 Visual Basic  Fortran  Other  
 C  HTML  
 C++  Javascript Please specify \_\_\_\_\_

Do you have computer applications experience?  Yes  No If yes, check boxes that apply  Word  Access  Paradox  
 Excel  WordPerfect  Corel  
 PowerPoint  Quattro Pro Presentations

Major academic and career interests: \_\_\_\_\_

What college(s) would you like to attend? \_\_\_\_\_

List the science activities in which you participated (in and outside of school), hobbies and special interests.

\_\_\_\_\_  
\_\_\_\_\_

Previous Mentor \_\_\_\_\_ Lab \_\_\_\_\_ Year \_\_\_\_\_

Mentor Phone Number \_\_\_\_\_

If you are already in college, what is your current major? \_\_\_\_\_

What college or university are you attending (name and address)? \_\_\_\_\_

\_\_\_\_\_

Name of School Dean \_\_\_\_\_

Your present school status  Fr.  Soph.  Jr.  Sr.

If you have been involved in science, math, engineering or computer science projects and/or research science graduating from high school, please explain in detail on a separate sheet. Give name, address, and telephone number of advisor/teacher who supervised you on this project or research.

**NOTE: Applications will not be processed until complete with all applicable questions answered.**

A complete application consists of:  
(please send two copies of everything on 8 1/2 x 11 paper—no staples, if possible)

1. Student Application Form—Complete both front and back.
2. Personal Statement—A one-page essay on your personal goals and why you want to participate in this program. Please include enough information in your personal statement to indicate career interests and goals.
3. Teacher/Advisor Recommendations (one or two maximum, from science or mathematics teachers).
4. Transcript (including standardized test scores when possible).

Please check only if you do **NOT** want us to forward your application to laboratories other than those you indicated, if it is not possible to place you otherwise.

SEAP Web page: <http://www.gwu.edu/~seap>

For any questions, concerns, links to other laboratories, please e-mail the SEAP office at: [seap@gwu.edu](mailto:seap@gwu.edu)

**FOR OFFICE USE ONLY**

Date Entered Computer \_\_\_\_\_ Date Letter Sent \_\_\_\_\_ Date Received \_\_\_\_\_

SEAP-CQL ONLY

**Mail original and one copy to:**  
**M. Phillips, Program Director**  
**SEAS-GWU**  
**Science & Engineering Apprentice Programs**  
**707 22nd Street, NW**  
**Staughton Hall 104**  
**Washington, DC 20052**

**Telephone: 202-994-2234**

**Sorry, no fax or e-mail applications can be accepted. However, you may apply on-line at <http://www.gwu.edu/~seap>. In addition you MUST send a hard copy to the SEAP office.**

**Tear off and keep this sheet for your reference.**

**CHOOSE ONLY THREE LABORATORIES AT WHICH YOU WOULD LIKE AN APPRENTICESHIP. Remember, you must be able to commute to any of the sites you select. (List only 3 labs in order of preference according to interest and location on the front of the SEAP application).**

**PARTICIPATING LABORATORIES  
in the National Capital Area**

_____ Armed Forces Institute of Pathology (AFIP) Northwest Washington, DC	Medical, Forensic, Computer Science
_____ Armed Forces Radiobiology Research Institute (AFRRI) Wisconsin Avenue, Bethesda, MD	Biochemistry, Microbiology, Nutrition, Immunology
_____ Army Communications Electronics Command (CECOM-FB) Fort Belvoir, VA	Electronics, Engineering, Computer Science
_____ Army Defense Threat Reduction Agency (DTRA), Alexandria, VA	Computer Science, Software Engineering
_____ Army Engineer Research & Devlpmt Ctr, Topographic Engineering Ctr (ERDC-TEC) Telegraph Road, Alexandria, VA	Engineering, Math, Computer Sci., Survey Eng., Mapping Technologies, Terrain Visualization and Analysis, Geographic Information Systems, Spatial Data Technologies
_____ Army Research Laboratory—Aberdeen Proving Ground, MD (ARL-CISD)	Chemistry, Physics, Engineering, Computer Science
_____ Army Research Laboratory—Aberdeen Proving Ground, MD (ARL-WMRD)	Chemistry, Physics, Engineering, Computer Science
_____ Army Research Laboratory—Adelphi, MD (ARL-A)	Engineering, Computer Science, Physics
_____ Army Research Laboratory—Aberdeen Proving Ground, MD (ARL-SLAD) (must be 16 yrs to apply)	Chemistry, Physics, Computer Science, Engineering
_____ Army Soldier and Biological Chemical Command (SBCCOM-APG) Aberdeen Proving Ground, MD	Chemistry, Physics, Engineering, Computer Science, Computer Aided Design, Computer Aided Engineering
_____ Center for Health Promotion & Preventive Medicine (CHPPM) Aberdeen Proving Ground, MD	Chemistry, Biology, Environmental Engineering, Physics
_____ Medical Research Institute of Chemical Defense (MRICD) Edgewood, MD	Biomedical, Biochemistry
_____ Naval Sea Systems Command (NAVSEA) (must be 16 yrs to apply) Navy Yard, SE, Washington, DC	Marine Engineering, Electrical Engineering, Mech. Engineering, Ocean Engineering, Statistical Analysis (data reduction)
_____ Naval Air Warfare Center Aircraft Division (NAWC-AD) Patuxent River, MD	Aerodynamics, Engineering, Computer Science
_____ Naval Medical Research Center (NMRC) Silver Spring (Forest Glen), MD	Biomedical Research, Microbiology, Immunology, Biochemistry
_____ Naval Research Laboratory (NRL) Southwest Washington, DC	Physics, Engineering, Chemistry, Computer Science, Electronics, Space Science
_____ Naval Surface Warfare Center Carderock, MD (NSWC-C) [formerly DTRC] Dahlgren, VA (NSWC-D)	Engineering, Physics, Computer Science, Chemistry, Electronics, Math with Computer Applications
_____ Indian Head, MD (NSWC-IH)	
_____ Night Vision and Electronic Sensors Directorate (NVESD) Gunston Road, Fort Belvoir, VA	Chemical, Environmental, Electrical Engineering, Physics, Engineering, Computer Science
_____ Uniformed Services University of the Health Sciences (USUHS) Jones Bridge Road, Bethesda, MD	Medical, Microbiology, Chemistry, Biochemistry, Computer Science, Imaging Sciences
_____ United States Naval Academy (USNA) Annapolis, MD	Chemistry, Computer Science, Engineering, Physics
_____ United States Naval Observatory (USNO) Northwest Washington, DC	Astronomy, Timekeeping, Electronics, Mathematics, Computer Science
_____ Walter Reed Army Institute of Research (WRAIR) Silver Spring (Forest Glen) MD	All aspects of Biomedical Research, Biochemistry, Biology, Immunology, Computer Science

**PARTICIPATING LABORATORIES—Nationwide**

_____ Army Communications—Electronics Command (CECOM) Fort Monmouth NJ	Electronics, Engineering, Computer Science
_____ Army Engineer Research & Devlpmt Ctr, Corps of Engineers, Waterways Experiment Station (ERDC-WES)	Mathematics, Computer Science, Biological & Physical Sciences, Engineering
_____ Army Forces Command (FORSCOM), Ft. McPherson, GA	Computer Technology, Networking, Engineering
_____ Army Soldier and Biological Chemical Command (SBCCOM) Rock Island Arsenal, IL	Electrical, Environmental and Chemical Engineering
_____ Army Soldier and Biological Chemical Command (NATICK) Natick, MA	Engineering, Physics, Computer Science
_____ Army Vehicle Technology Center Army Research Lab (AVTC) NASA Langley Research Center, Hampton, VA	Physics, Engineering, Materials Science & Testing
_____ Naval Research Laboratory, Stennis (NRL-S) Stennis Space Center, MS	Chemistry, Physics, Computer Science
_____ Naval Undersea Warfare Center (NUWC) Newport, RI	Physics, Chemistry, Electrical Engineering, Mechanical Engineering, Computer Science, Computer Aided Design and Engineering

**PARTICIPATING INDUSTRY**

_____ Advanced Optical Systems (AOS), Huntsville, AL	Electronics, Engineering, Computer Science
_____ Anser Corporation (ANSER), Arlington, VA	Computer Science, Software and Design Engineering
_____ The Boeing Company (Boeing), Arlington, VA	Computer Science, Technical Studies

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SEAS-GWU  
Science & Engineering Apprentice Programs  
707 22nd Street, NW  
Staughton Hall 104  
Washington, DC 20052

Telephone: 202-994-2234

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**LABS OUTSIDE OF THE METROPOLITAN AREA**

Army Communications Electronic Command (CECOM)  
Ft. Monmouth, NJ 07703-5200  
Dr. Connie Zimmerman (732) 427-2204

Army Communications Electronics Command (CECOM-FB)  
Ft. Belvoir, VA  
Ms. Perky Thomas (703) 704-2872

Army Engineer Research & Development Center, Corps of Engineers, Waterways Experiment Station (ERDC-WES)  
Vicksburg, MS 39180-6199  
Mr. Steve Wagner (601) 634-3000

Army Forces Command (FORSCOM)  
Ft. McPherson, GA 30330-5000  
Ms. Merrilee Norman (404) 464-5335

Army Medical Research Institute of Chemical Defense (MRICD)  
Aberdeen Proving Ground, MD 21010-5425  
Dr. David Lenz (410) 671-2372

Army Research Laboratory (ARL-WMRD)  
Aberdeen Proving Ground, MD 21005-5069  
Mr. George Klem/Mr. Neil Synnott (410) 306-0611/0610

Army Research Laboratory/Computational:  
Information Sciences Directorate (ARL-CISD)  
Aberdeen Proving Ground, MD 21005-5067  
Ms. Ann Brodeen (410) 278-8947

Army Research Laboratory Survivability/Lethality Analysis (ARL-SLAD)  
Aberdeen Proving Ground, MD 21010-5068  
Ms. Darleen Buczkowski (410) 278-8626

Army Soldier Biological Chemical Command (SBCCOM-APG)  
Aberdeen Proving Ground, MD 21010-5423  
Ms. Barbara Knapp (410) 436-5713/5770

Army Soldier Biological Chemical Command (NATICK)  
Natick, MA 01760-5013  
Ms. Marilyn Joy (508) 233-5089

Army Soldier Biological Chemical Command (SBCCOM)  
AMSSB-RSO  
Rock Island Arsenal, IL 61299-7410  
Ms. Mary Hollis (309) 782-3015

Army Vehicle Technology Center (Army Research Laboratory) (AVTC)  
NASA Langley Research Center  
Hampton, VA 23681  
Dr. John Cline (757) 864-3966

Aviation and Missile Command (AMCOM)  
Redstone Arsenal, AL 35898-5248  
Ms. Betty Duke/Jerrel McCollum (256) 313-4790/842-8850

Center for Health Promotion & Preventive Medicine (CHPPM)  
MCHB-ZA, Building E-2100  
Aberdeen Proving Ground, MD 21010-5422  
Mr. Jesse Barkley (410) 612-2014

Naval Air Warfare Center Aircraft Division (NAWC-AD)  
Patuxent River, MD 20670-5304  
Ms. Carrie Richardson (301) 757-4123

Naval Research Laboratory (NRL-S)  
Stennis Space Center, MS 39529-5004  
Ms. Rebecca Rotundo (228) 688-5328

Naval Surface Warfare Center (NSWC-D)  
PCD  
Dahlgren, VA 22448  
Ms. Marjorie Beverly (540) 653-8702

Naval Surface Warfare Center-Indian Head (NSWC-IH)  
Indian Head, MD 20640  
Ms. Judy Gerber (301) 744-6525

Naval Surface Warfare Center, Philadelphia (NSWC-P)  
EEO, Code 0032  
Philadelphia, PA 19112-5087  
Ms. Roseann Castonguay (215) 897-7642

Naval Undersea Warfare Center (NUWC)  
Newport, RI 02841  
Dr. Theresa Baus (401) 832-8728